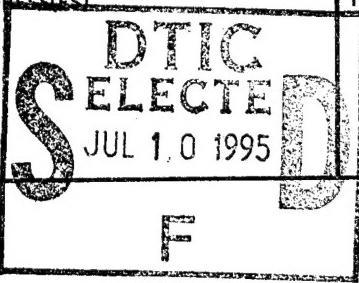


# REPORT DOCUMENTATION PAGE

*Form Approved  
OMB No. 0704-0188*

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

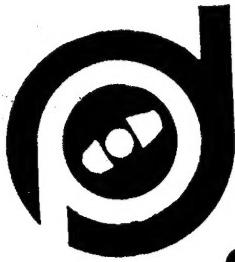
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE 03/00/86	3. REPORT TYPE AND DATES COVERED
4. TITLE AND SUBTITLE ROCKY MOUNTAIN ARSENAL, ECOLOGY FIELD OBSERVATIONS, 1980-1986		5. FUNDING NUMBERS
6. AUTHOR(S) THORNE, D.; PANTLEO, J.; CLARK, J.		
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) D.P. ASSOCIATES COMMERCE CITY, CO		8. PERFORMING ORGANIZATION REPORT NUMBER  86066R01
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) ROCKY MOUNTAIN ARSENAL (CO.). PMRMA COMMERCE CITY, CO		10. SPONSORING/MONITORING AGENCY REPORT NUMBER
11. SUPPLEMENTARY NOTES		
12a. DISTRIBUTION/AVAILABILITY STATEMENT  APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED		12b. DISTRIBUTION CODE
13. ABSTRACT (Maximum 200 words)  <p>THE ECOLOGY FIELD OBSERVATION (EFO) CONTAINS INFORMATION ON THE SPECIES, LOCATION, HABITAT, COUNT, ETC. OF ORGANISMS OBSERVED AT RMA. THE DATA ARE SORTED BY SPECIES, SITE IDENTIFIER, THEN OBSERVATION DATE.</p> <p>THE OBSERVATIONS WERE MADE BY MR. DAVID THORNE OF THE PROGRAM MANAGER'S OFFICE AT RMA BETWEEN 1980 AND 1986.</p> <p>THE EFO FILE CORRESPONDS TO THE ECOLOGY GENERAL OBSERVATION FILE DOCUMENTED IN THE 1978 VERSION OF THE INSTALLATION RESTORATION DATA MANAGEMENT USER'S GUIDE.</p>		
14. SUBJECT TERMS HABITAT, SPECIES, CENSUS		15. NUMBER OF PAGES
		16. PRICE CODE
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT
		20. LIMITATION OF ABSTRACT

860446R01  
2nd Copy



ROCKY MOUNTAIN ARSENAL  
ECOLOGY FIELD OBSERVATIONS  
(1980-1986)

MARCH, 1986



**d.p. associates, inc.**  
Rocky Mountain Arsenal Information Center  
RIC Bldg. 111, Room 216  
c/o Rocky Mountain Arsenal  
Commerce City, Colorado 80022  
(303) 289-0172  
Autovon 556-2172   FTS 330-1172

DTIC QUALITY INSPECTED 8

19950705 109

86044R01  
2nd Copy

ROCKY MOUNTAIN ARSENAL  
ECOLOGY FIELD OBSERVATIONS  
(1980 - 1986)

Accesion For	
NTIS	CRA&I
DTIC	TAB
Unannounced	
Justification .....	
By .....	
Distribution /	
Availability Codes	
Dist	Avail and/or Special
A-1	

March 1986

**FILE COPY**

Rocky Mountain Arsenal  
Information Center  
Commerce City, Colorado

PM-RMA  
David S. Thorne

D. P. Associates  
Jack C. Pantleo, Ph.D.  
James A. Clark, II  
Dianna L. Reynolds

TABLE OF CONTENTS

I.	INTRODUCTION	ii
II.	ECOLOGY FILED OBSERVATION LISTING	
III.	APPENDIX A SPECIES CODES	A-1
IV.	APPENDIX B SITE IDENTIFICATION CODES	B-1
V.	APPENDIX C HABITAT CODES	C-1
VI.	APPENDIX D STATUS CODES	D-1

## ECOLOGY FIELD OBSERVATIONS

### INTRODUCTION

The Ecology Field Observation (EFO) file contains information on the species, location, habitat, count, etc. of organisms observed at the Rocky Mountain Arsenal in Commerce City, Colorado. The data is sorted by species, site identifier, then observation date. The observations were made by Mr. David Thorne of the Program Manager's Office at RMA between 1980 and 1986. The EFO file corresponds to the Ecology General Observation file documented in the 1978 version of the Installation Restoration Data Management User's Guide. The data codes and abbreviations used in this report are either listed below or included in the appendices.

**SPECIE(s)** codes are listed in Appendix A.

**SITE ID** (Site Identification) codes are listed in Appendix B.

**OBS DATE** (Observation Date) is reported in Julian format.

**HAB** (Habitat) codes are listed in Appendix C.

**TX** (Taxon) is a one (1) letter designation for the taxon containing the observed organism.

A - Amphibian  
B - Bird  
F - Fish  
I - Invertebrate  
M - Mammal  
R - Reptile  
P - Plant

**TL** (Taxon Level) is a one (1) character code denoting class, order or family when species are not known.

C - Class  
O - Order  
F - Family  
BLANK

**PG** (Program) is a one (1) character code denoting the type of data for which the sample was collected.

C - Census  
G - General Observation  
M - Monitoring Program  
P - Preliminary Survey  
S - Special Study  
V - Comprehensive Survey

**SUB PRG** (Sub Program) codes are as follows:

AQB - Aquatic Birds  
BFM - Basin F Mortality  
BNF - Basin F Area  
BRB - Breeding Birds  
BSC - Bird (Spot-Count)  
DEE - Deer  
END - Endangered Species  
GEN - General Observation  
HAW - Hawks  
INV - Inventory  
ISP - Intensive Study Plot  
KES - Kestrels  
LAK - Lakes Area  
NRB - North Boundary Area  
NWB - Northwest Boundary Area  
OTB - Other Birds  
OWL - Owls  
RAB - Rabbits  
REP - Animal Reproduction  
SMM - Small Mammals

**MT OB** (Method of Observation) is coded as a one (1) letter designation for method utilized to observe organism.

C - Counted  
E - Estimated  
B - Counted and Estimated  
S - Seen only, not counted or estimated.  
H - Heard only, not counted or estimated.

**CNT** (Count) is a three (3) digit count of the observed organism.

**SD** (Sex Development) is a one (1) letter designation of observed organism's sex or development stage.

U - Sex Unknown  
M - Male  
F - Female  
J - Juvenile  
E - Eggs

**AG** (Age) is a two (2) digit estimation of the age (in days) of juvenile or eggs.

**TC** (Temperature Code) is a one (1) digit code denoting the general temperature condition relative to normal temperatures for that date.

- 1 - Normal
- 2 - Above Normal
- 3 - Below Normal

**SK** (Sky) is a one (1) digit code denoting general condition of the sky.

- 1 - Clear
- 2 - Partly Cloudy
- 3 - Overcast

**WI** (Wind) is a one (1) digit code denoting general wind conditions.

- 1 - Calm
- 2 - Breezy
- 3 - Windy

**PR** (Precipitation) is a one (1) digit code denoting general precipitation conditions.

- 1 - No Precipitation
- 2 - Raining
- 3 - Snowing

**STAT 1-4** is a three (3) digit code (4 sets) providing additional information pertaining to the observed organism. Specific entries and identification codes are listed in Appendix D.

**SPEC NO** (Specimen Number) is a six (6) character identification number assigned to the collected specimen. The field is left blank when no specimen is collected.

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 1

SPECIE SITE ID	OBS DATE	T HAB	T X L G	P PRG	SUB OB	MT CNT	S D AG	T C K	W I R	P 1	STAT	STAT	STAT	SPEC	
											2	3	4	NO	
ACCSTR 0501	84311	CD	B	G	GEN	C	001	U		1	2	2	1	101	561
AECOCC BASINF	80248	PD	B	S	BFM	C	032	U							304
	80342	PD	B	S	BFM	C	001	M							304
	81125	PD	B	S	BFM	C	003	U							107
	81138	PD	B	S	BFM	C	001	U							304
	81152	PD	B	S	BFM	C	001	U							304
	81187	PD	B	S	BFM	C	001	U							304
	81223	PD	B	S	BFM	C	001	U							304
	81251	PD	B	S	BFM	C	001	U							304
	81275	PD	B	S	BFM	C	001	U							304
	81292	PD	B	S	BFM	C	001	U							304
	81317	PD	B	S	BFM	C	003	U							304
	81317	PD	B	S	BFM	C	001	U							107
	82070	PD	B	S	BFM	C	001	M							107
	82111	PD	B	S	BFM	C	001	U							304
	82124	PD	B	S	BFM	C	001	U							304
	82145	PD	B	S	BFM	C	002	U							304
	82162	PD	B	S	BFM	C	001	U							304
	82172	PD	B	S	BFM	C	001	U							304
	82182	PD	B	S	BFM	C	002	U							304
	82251	PD	B	S	BFM	C	001	U							304
	82267	PD	B	S	BFM	C	002	U							304
	82279	PD	B	S	BFM	C	001	U							304
	83020	PD	B	S	BFM	C	001	U							304
	83104	PD	B	S	BFM	C	001	U							304
	83172	PD	B	S	BFM	C	001	U							304
	84153	PD	B	S	BFM	C	024	U							304
	85183	PD	B	S	BFM	C	003	U							304
AECOCC LKLADORA	82106	LK	B	C	AQB	C	005	U		1	2	2	1	107	
AGEPHO BASINF	85015	PD	B	S	BFM	C	001	U							304
AIXSPO BASINF	81309	PD	B	S	BFM	C	001	U							304
	84153	PD	B	S	BFM	C	001	U							304
ANA BASINF	80248	PD	B F	S	BFM	C	098	U							304
	80274	PD	B F	S	BFM	C	001	U							107
	80280	PD	B F	S	BFM	C	001	U							107
	80308	PD	B F	S	BFM	C	001	U							304
	80331	PD	B F	S	BFM	C	003	U							107
	80342	PD	B F	S	BFM	C	004	U							304
	80343	PD	B F	S	BFM	C	001	U							107
	80352	PD	B F	S	BFM	C	002	U							107
	81040	PD	B F	S	BFM	C	001	U							107
	81051	PD	B F	S	BFM	C	002	U							304
	81068	PD	B F	S	BFM	C	001	U							107
	81084	PD	B F	S	BFM	C	001	U							107
	81086	PD	B F	S	BFM	C	001	U							107

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 2

SPECIE SITE ID	OBS DATE	T HAB	T X	T L	P G	S PRG	M DB	S CNT	T D	S AG	T CK	P K	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
ANA BASINF	81091 PD	B	F	S	BFM	C	002	U						107				
	81091 PD	B	F	S	BFM	C	001	U						304				
	81118 PD	B	F	S	BFM	C	002	U						107				
	81118 PD	B	F	S	BFM	C	005	U						304				
	81125 PD	B	F	S	BFM	C	001	U						107				
	81223 PD	B	F	S	BFM	C	001	U						304				
	81275 PD	B	F	S	BFM	C	001	U						107				
	81275 PD	B	F	S	BFM	C	002	U						304				
	81317 PD	B	F	S	BFM	C	002	U						304				
	82048 PD	B	F	S	BFM	C	002	U						304				
	85094 PD	B	F	S	BFM	C	001	U						304				
	86014 PD	B	F	S	BFM	C	004	U						304				
ANAAACU BASINF	82117 PD	B		S	BFM	C	001	U						304				
	84153 PD	B		S	BFM	C	003	U						304				
ANAAACU LOWDERBY	82106 LK	B		C	AQB	C	001	M	1	2	2	1		107				
	82106 LK	B		C	AQB	C	001	F	1	2	2	1		107				
ANAAACU SEWPOND	83108 PD	B		C	NRB	C	001	M	1	1	1	1		107				
	83137 PD	B		C	NRB	C	002	M	1	1	1	1		107				
ANAAAME BASINF	84153 PD	B		S	BFM	C	006	U						304				
	85094 PD	B		S	BFM	C	001	U						304				
	85183 PD	B		S	BFM	C	001	U						304				
ANAAAME LAKEMARY	82106 LK	B		C	AQB	C	002	F	1	2	2	1		107				
	82106 LK	B		C	AQB	C	002	M	1	2	2	1		107				
ANAAAME LKLADORA	82106 LK	B		C	AQB	C	004	F	1	2	2	1		107				
	82106 LK	B		C	AQB	C	004	M	1	2	2	1		107				
ANAAAME NORTHBOG	82105 PD	B		C	NRB	C	002	F	1	1	1	1		107				
	82105 PD	B		C	NRB	C	002	M	1	1	1	1		107				
ANAAAME SEWPOND	83108 PD	B		C	NRB	C	002	U	1	1	1	1		107				
	84166 PD	B		G	GEN	C	001	M						107				
ANACLY 0203	82106 CC	B		C	AQB	C	012	M	1	2	2	1		107				
	82106 CC	B		C	AQB	C	008	F	1	2	2	1		107				
ANACLY 1106	82106 PD	B		C	AQB	C	001	M	1	2	2	1		107				
	82106 PD	B		C	AQB	C	001	F	1	2	2	1		107				
ANACLY BASINF	80248 PD	B		S	BFM	C	007	U						304				
	80276 PD	B		S	BFM	C	001	M						107				
	81009 PD	B		S	BFM	C	001	U						304				
	81275 PD	B		S	BFM	C	001	U						304				
	81292 PD	B		S	BFM	C	001	U						107				
	81317 PD	B		S	BFM	C	001	M						304				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 3

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT OB	S CNT	T D	S AG	W C	P K	STAT I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
ANACLY BASINF	81317 PD	B	S	BFM	C	001	F							304				
	82022 PD	B	S	BFM	C	001	U							304				
	82048 PD	B	S	BFM	C	001	F							304				
	82117 PD	B	S	BFM	C	001	U							304				
	82267 PD	B	S	BFM	C	001	U							304				
	82340 PD	B	S	BFM	C	001	U							304				
	82354 PD	B	S	BFM	C	001	U							304				
	83082 PD	B	S	BFM	C	001	U							304				
	83104 PD	B	S	BFM	C	002	U							304				
	84153 PD	B	S	BFM	C	030	U							304				
	84265 PD	B	S	BFM	C	001	U							304				
	84307 PD	B	S	BFM	C	003	U							304				
	85015 PD	B	S	BFM	C	003	U							304				
	85094 PD	B	S	BFM	C	001	U							304				
	85282 PD	B	S	BFM	C	013								304				
	86014 PD	B	S	BFM	C	005	U							304				
ANACLY LKLADORA	82106 LK	B	C	AQB	C	006	M		1	2	2	1	107					
	82106 LK	B	C	AQB	C	006	F		1	2	2	1	107					
ANACLY LOWDERBY	82106 LK	B	C	AQB	C	005	F		1	2	2	1	107					
	82106 LK	B	C	AQB	C	005	M		1	2	2	1	107					
ANACLY NORTHBOG	84192 PD	B	G	GEN	C	001	F						107					
ANACLY SEWPOND	83137 PD	B	C	NRB	C	006	M		1	1	1	1	107					
ANACRE 0203	82106 CC	B	C	AQB	C	001	M		1	2	2	1	107					
ANACRE BASIND	83108 PD	B	C	NRB	C	005	U		1	1	1	1	107					
ANACRE BASINF	80268 PD	B	S	BFM	C	001	M						304					
	80342 PD	B	S	BFM	C	001	M						304					
	81012 PD	B	S	BFM	C	001	M						304					
	81125 PD	B	S	BFM	C	001	M						304					
	81275 PD	B	S	BFM	C	001	U						304					
	81309 PD	B	S	BFM	C	001	U						304					
	81317 PD	B	S	BFM	C	001	F						304					
	82103 PD	B	S	BFM	C	001	U						304					
	82111 PD	B	S	BFM	C	004	U						304					
	82279 PD	B	S	BFM	C	002	U						304					
	83020 PD	B	S	BFM	C	001	U						304					
	84153 PD	B	S	BFM	C	006	U						304					
	85015 PD	B	S	BFM	C	001	U						304					
	85282 PD	B	S	BFM	C	001							304					
	86014 PD	B	S	BFM	C	007	U						304					
ANACRE LAKEMARY	85003 LK	B	G	GEN	C	007	M		2	2	2	1	107					
ANACRE LOWDERBY	82106 LK	B	C	AQB	C	012	F		1	2	2	1	107					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 4

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT OB	S CNT	T D AG	S C	W K	P I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
ANACRE LOWDERBY	82106	LK	B	C	AQB	C	015	M		1	2	2	1	107				
ANACRE SEWPOND	83108	PD	B	C	NRB	C	003	F		1	1	1	1	107				
	83108	PD	B	C	NRB	C	003	M		1	1	1	1	107				
	84166	PD	B	G	GEN	C	001	M						107				
ANACRE TSYPPOND	82160	PD	B	C	AQB	C	001	M		1	2	2	1	107				
ANACYA NORTHBOG	83137	PD	B	C	NRB	C	001	M		1	1	1	1	107				
	83137	PD	B	C	NRB	C	001	F		1	1	1	1	107				
ANACYA TSYPPOND	82106	PD	B	C	AQB	C	001	M		1	2	2	1	107				
ANADIS 0203	82106	CC	B	C	AQB	C	001	F		1	2	2	1	107				
	82106	CC	B	C	AQB	C	001	M		1	2	2	1	107				
ANADIS 1106	84202	PD	B	G	GEN	C	010	U		1	1	1	1	107				
	84207	PD	B	G	GEN	C	002	U		1	1	1	1	107				
ANADIS 2415	82105	CC	B	C	NRB	C	002	M		1	1	1	1	107				
	82105	CC	B	C	NRB	C	002	F		1	1	1	1	107				
ANADIS BASINF	80248	PD	B	S	BFM	C	008	U						304				
	80298	PD	B	S	BFM	C	001	M						304				
	80302	PD	B	S	BFM	C	001	F						304				
	81072	PD	B	S	BFM	C	001	M						304				
	81118	PD	B	S	BFM	C	001	U						107				
	81135	PD	B	S	BFM	C	001	U						107				
	82096	PD	B	S	BFM	C	001	U						304				
	82111	PD	B	S	BFM	C	001	U						304				
	82145	PD	B	S	BFM	C	001	U						304				
	82267	PD	B	S	BFM	C	001	U						304				
	84153	PD	B	S	BFM	C	007	U						304				
	84272	PD	B	S	BFM	C	001	U						304				
	84286	PD	B	S	BFM	C	002	U						304				
	84307	PD	B	S	BFM	C	001	U						304				
	85015	PD	B	S	BFM	C	004	U						304				
	85282	PD	B	S	BFM	C	004							304				
ANADIS LAKEMARY	85003	LK	B	G	GEN	C	001	M		2	2	2	1	107				
ANADIS LKLADORA	82106	LK	B	C	AQB	C	004	F		1	2	2	1	107				
	82106	LK	B	C	AQB	C	004	M		1	2	2	1	107				
ANADIS NORTHBOG	83137	PD	B	C	NRB	C	003	M		1	1	1	1	107				
	84167	PD	B	G	REP	C	007	J						107	903			
	84167	PD	B	G	REP	C	001	F						107	903	125		
	84167	PD	B	G	REP	C	001	M						107	903	125		
	84185	PD	B	G	GEN	C	001	F						107				
	84185	PD	B	G	GEN	C	001	M						107				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 5

SPECIE SITE ID	OBS DATE	T HAB	T X L	P G	SUB PRG	MT OB	S CNT	T D	S AG	W C	P K	STAT R	STAT I	STAT R	STAT I	SPEC NO
ANADIS NORTHBOG	84192	PD	B	G	GEN	C	002	F								107
ANADIS SEWPOND	82153	PD	B	C	NRB	C	001	M	1	1	1	1	107			
	83108	PD	B	C	NRB	C	002	M	1	1	1	1	107			
	83108	PD	B	C	NRB	C	002	F	1	1	1	1	107			
	83137	PD	B	C	NRB	C	004	M	1	1	1	1	107			
	84166	PD	B	G	GEN	C	001	M					107			
ANAPLA 0203	82106	CC	B	C	AQB	C	003	M	1	2	2	1	107			
	82106	CC	B	C	AQB	C	003	F	1	2	2	1	107			
ANAPLA 1106	82106	PD	B	C	AQB	C	002	F	1	2	2	1	107			
	82106	PD	B	C	AQB	C	002	M	1	2	2	1	107			
	84202	PD	B	G	GEN	C	035	U	1	1	1	1	107			
	84207	PD	B	G	GEN	C	021	U	1	1	1	1	107			
ANAPLA 2415	82068	CC	B	C	NRB	C	004	F	2	2	2	2	107			
	82068	CC	B	C	NRB	C	004	M	2	2	2	2	107			
	82105	CC	B	C	NRB	C	002	F	1	1	1	1	107			
	82105	CC	B	C	NRB	C	002	M	1	1	1	1	107			
	82153	CC	B	C	NRB	C	004	M	1	1	1	1	107			
ANAPLA 2613	83137	WT	B	C	NRB	C	001	F	1	1	1	1	124	401		
	83137	WT	B	C	NRB	C	009	E	1	1	1	1	124	401		
ANAPLA BASIND	83108	PD	B	C	NRB	C	002	F	1	1	1	1	107			
	83108	PD	B	C	NRB	C	003	M	1	1	1	1	107			
	83137	PD	B	C	NRB	C	001	F	1	1	1	1	107			
	83137	PD	B	C	NRB	C	001	M	1	1	1	1	107			
ANAPLA BASINE	83108	PD	B	C	NRB	C	004	M	1	1	1	1	107			
	83108	PD	B	C	NRB	C	004	F	1	1	1	1	107			
ANAPLA BASINF	80248	PD	B	S	BFM	C	009	U					304			
	80274	PD	B	S	BFM	C	001	U					107			
	80276	PD	B	S	BFM	C	001	F					304			
	80284	PD	B	S	BFM	C	001	M					304			
	80288	PD	B	S	BFM	C	001	F					107			
	80295	PD	B	S	BFM	C	001	M					304			
	80342	PD	B	S	BFM	C	002	M					304			
	80342	PD	B	S	BFM	C	002	F					304			
	80343	PD	B	S	BFM	C	001	M					304			
	80347	PD	B	S	BFM	C	001	M					304			
	81005	PD	B	S	BFM	C	001	F					304			
	81075	PD	B	S	BFM	C	001	F					107			
	81105	PD	B	S	BFM	C	001	M					107			
	81118	PD	B	S	BFM	C	001	M					304			
	81121	PD	B	S	BFM	C	001	M					304			
	81187	PD	B	S	BFM	C	001	J					107			
	81187	PD	B	S	BFM	C	001	M					107			

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 6

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT OB	S CNT	D AG	T C	S K	W I	P R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
ANAPLA BASINF	81300	PD	B	S	BFM	C	001	U							304			
	81309	PD	B	S	BFM	C	001	U						304				
	81309	PD	B	S	BFM	C	003	U						107				
	81324	PD	B	S	BFM	C	001	M						304				
	82048	PD	B	S	BFM	C	002	M						304				
	82048	PD	B	S	BFM	C	001	F						304				
	82084	PD	B	S	BFM	C	004	U						304				
	82096	PD	B	S	BFM	C	001	U						304				
	82111	PD	B	S	BFM	C	002	U						304				
	82117	PD	B	S	BFM	C	002	U						304				
	82162	PD	B	S	BFM	C	001	U						304				
	82239	PD	B	S	BFM	C	001	U						304				
	82251	PD	B	S	BFM	C	001	U						304				
	82279	PD	B	S	BFM	C	001	U						304				
	82340	PD	B	S	BFM	C	001	U						304				
	83020	PD	B	S	BFM	C	006	U						304				
	83033	PD	B	S	BFM	C	001	U						304				
	83047	PD	B	S	BFM	C	003	U						304				
	83136	PD	B	S	BFM	C	001	U						304				
	84153	PD	B	S	BFM	C	034	U						304				
	85015	PD	B	S	BFM	C	001	U						304				
	85094	PD	B	S	BFM	C	001	U						304				
	85183	PD	B	S	BFM	C	001	U						304				
	86014	PD	B	S	BFM	C	010	U						304				
ANAPLA LAKEMARY	82106	LK	B	C	AQB	C	003	M		1	2	2	1	107				
	82106	LK	B	C	AQB	C	003	F		1	2	2	1	107				
	85003	LK	B	G	GEN	C	005	U		2	2	2	1	107				
ANAPLA LKLADORA	82106	LK	B	C	AQB	C	012	F		1	2	2	1	107				
	82106	LK	B	C	AQB	C	012	M		1	2	2	1	107				
	84207	LK	B	G	GEN	C	004	U		1	1	1	1	107				
ANAPLA LOWDERBY	83265	LK	B	G	GEN	CX	001	F						302	403	901		E04892
	84177	LK	B	G	REP	C	001	F						107	903	125		
	84177	LK	B	G	REP	C	003	J						107	903			
	84192	LK	B	G	REP	C	001	F						107	903	125		
	84192	LK	B	G	REP	C	005	J						107	903			
ANAPLA NORTHBOG	82068	PD	B	C	NRB	C	003	F		2	2	2	2	107				
	82068	PD	B	C	NRB	C	003	M		2	2	2	2	107				
	82105	PD	B	C	NRB	C	004	M		1	1	1	1	107				
	82105	PD	B	C	NRB	C	004	F		1	1	1	1	107				
	82148	PD	B	G	GEN	C	001	F						107				
	82153	PD	B	C	NRB	C	009	J	35	1	1	1	1	107				
	82153	PD	B	C	NRB	C	003	J	28	1	1	1	1	107				
	82153	PD	B	C	NRB	C	004	F		1	1	1	1	107	125			
	82153	PD	B	C	NRB	C	002	M		1	1	1	1	107				
	82153	PD	B	C	NRB	C	011	J	56	1	1	1	1	107				
	82266	PD	B	G	GEN	C	003	U						107				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 7

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D	S AG	W C	P K	STAT I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
ANAPLA NORTHBOG	82272 PD	B	C	NRB	C	002	J	42	1	1	1	1	107					
	82272 PD	B	C	NRB	C	001	F		1	1	1	1	107					
	83027 PD	B	C	NRB	C	017	F		1	2	1	1	107					
	83027 PD	B	C	NRB	C	017	M		1	2	1	1	107					
	83137 PD	B	C	NRB	C	003	M		1	1	1	1	107					
	84185 PD	B	G	REP	C	006	J						107	903				
	84185 PD	B	G	REP	C	001	F						107	903	125			
	84185 PD	B	G	REP	C	007	J						107	903				
	84185 PD	B	G	REP	C	001	F						107	903	125			
	84192 PD	B	G	GEN	C	002	F						107					
	84192 PD	B	G	REP	C	005	J						107	903				
	84192 PD	B	G	REP	C	001	F						107	903	125			
ANAPLA RG POND	84185 PD	B	G	GEN	C	004	M						107					
	84185 PD	B	G	REP	C	002	J						107	903				
	84185 PD	B	G	REP	C	003	J						107	903				
	84185 PD	B	G	REP	C	001	F						107	903	125			
	84193 PD	B	G	REP	C	001	F						107	903	125			
	84193 PD	B	G	REP	C	002	J						107	903				
	84207 PD	B	G	GEN	C	004	U		1	1	1	1	107					
ANAPLA SEWPOND	82153 PD	B	C	NRB	C	012	F		1	1	1	1	107					
	82153 PD	B	C	NRB	C	022	M		1	1	1	1	107					
	83108 PD	B	C	NRB	C	030	F		1	1	1	1	107					
	83108 PD	B	C	NRB	C	030	M		1	1	1	1	107					
	83137 PD	B	C	NRB	C	005	F		1	1	1	1	107					
	83137 PD	B	C	NRB	C	005	M		1	1	1	1	107					
	84166 PD	B	G	GEN	C	023	M						107					
	84166 PD	B	G	GEN	C	005	F						107					
ANAPLA TSY POND	82106 PD	B	C	AQB	C	016	F		1	2	2	1	107					
	82106 PD	B	C	AQB	C	016	M		1	2	2	1	107					
ANASPP BASINF	81275 PD	B	S	BFM	C	001	U						304					
ANASTR 1106	84202 PD	B	G	GEN	C	008	U		1	1	1	1	107					
ANASTR BASIND	83108 PD	B	C	NRB	C	002	U		1	1	1	1	107					
ANASTR BASINF	80342 PD	B	S	BFM	C	002	U						304					
	81016 PD	B	S	BFM	C	001	U						107					
	81051 PD	B	S	BFM	C	001	U						304					
	81086 PD	B	S	BFM	C	001	M						107					
	81118 PD	B	S	BFM	C	001	U						304					
	81292 PD	B	S	BFM	C	001	U						304					
	81300 PD	B	S	BFM	C	001	U						304					
	81309 PD	B	S	BFM	C	001	U						304					
	81317 PD	B	S	BFM	C	003	U						304					
	82084 PD	B	S	BFM	C	004	U						304					
	82096 PD	B	S	BFM	C	002	U						304					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 8

SPECIE SITE ID	OBS DATE	T HAB	X L	P G	S PRG	MT DB	S CNT	T D AG	S C	W K	P I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
ANASTR BASINF	82117 PD	B		S BFM	C	001	U						304				
	82267 PD	B		S BFM	C	002	U						304				
	82279 PD	B		S BFM	C	004	U						304				
	82291 PD	B		S BFM	C	002	U						304				
	82316 PD	B		S BFM	C	001	U						304				
	83020 PD	B		S BFM	C	001	U						304				
	83047 PD	B		S BFM	C	002	U						304				
	83104 PD	B		S BFM	C	002	U						304				
	84153 PD	B		S BFM	C	026	U						304				
	84265 PD	B		S BFM	C	001	U						304				
	84307 PD	B		S BFM	C	002	U						304				
	85015 PD	B		S BFM	C	003	U						304				
	85094 PD	B		S BFM	C	003	U						304				
	85183 PD	B		S BFM	C	001	U						304				
	85282 PD	B		S BFM	C	002							304				
	86014 PD	B		S BFM	C	001	U						304				
ANASTR LAKEMARY	82106 LK	B		C AQB	C	006	U		1	2	2	1	107				
ANASTR LKLADORA	82106 LK	B		C AQB	C	046	U		1	2	2	1	107				
ANASTR LOWDERBY	84202 LK	B		G REP	C	001	M		1	1	1	1	107	125			
	84202 LK	B		G REP	C	001	F		1	1	1	1	107	125			
	84202 LK	B		G REP	C	001	J		1	1	1	1	107				
ANASTR NORTHBOG	83137 PD	B		C NRB	C	002	U		1	1	1	1	107				
ANASTR SEWPOND	83108 PD	B		C NRB	C	020	F		1	1	1	1	107				
AQUCHR 0203	85023 CC	B		G GEN	C	001	J		3	1	1	1	101	561	904		
AQUCHR 0506	84054 WT	B		G GEN	C	002	U		1	1	1	1	102				
AQUCHR 0513	83013 DCC	B		G GEN	C	001	U		1	1	1	1	101	561			
AQUCHR 1911	86029 SD	B		G GEN	C	001	J		2	1	1	1	102	904			
AQUCHR 2302	86027 WT	B		G GEN	C	001	J		2	1	1	1	101	405	904		
AQUCHR 2408	82105 DW	B		C NRB	C	001			1	1	1	1	102				
	83013 DW	B		G GEN	C	001	U		1	1	1	1	101	561			
AQUCHR 2601	83042 SD	B		G GEN	C	001	U		1	1	1	1	101	405			
AQUCHR 2615	86010 IA	B		G GEN	C	001	J		1	1	1	1	305	904			
AQUCHR 3009	85108 DCC	B		G GEN	C	001	U		1	2	2	1	561	101			
AQUCHR 3511	83027 SD	B		G GEN	C	001	U		1	2	1	1	101	405			

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONSREPORT DATE: 03/21/86  
OBSERVER: DST

PAGE 9

SPECIE SITE ID	OBS DATE	T HAB	X L	P G	S PRG	MT OB	S CNT	T D AG	S C	W K	P I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
ARDHER 1106	82106 PD	B		C	AQB	C	005	U		1	2	2	1	121				
	84202 PD	B		G	GEN	C	007	U		1	1	1	1	121				
	84207 PD	B		G	GEN	C	005	U		1	1	1	1	121				
ARDHER BASINF	80248 PD	B		S	BFM	C	002	U						304				
ARDHER LAKEMARY	83279 LK	B		G	GEN	CX	001	U						304	414	901		E04870
ARDHER LOWDERBY	84202 LK	B		G	GEN	C	004	U		1	1	1	1	121				
ARDHER TSYPPOND	84207 PD	B		G	GEN	C	004	U		1	1	1	1	121				
ASIFLA 2310	85032 WT	B		G	GEN	C	001	U		3	1	1	1	102	904			
ASIFLA 2412	82105 WT	B		C	NRB	C	001	U		1	1	1	1	102				
ASIFLA 2607	84296 WT	B		G	GEN	C	001	U		3	3	1	1	102	904			
AYTAFF 0203	82106 CC	B		C	AQB	C	001	F		1	2	2	1	107				
	82106 CC	B		C	AQB	C	001	M		1	2	2	1	107				
AYTAFF BASIND	83108 PD	B		C	NRB	C	001	U		1	1	1	1	107				
AYTAFF BASINF	81019 PD	B		S	BFM	C	001	M						304				
	81058 PD	B		S	BFM	C	001	U						107				
	81068 PD	B		S	BFM	C	001	U						304				
	81084 PD	B		S	BFM	C	001	U						304				
	81086 PD	B		S	BFM	C	001	M						304				
	81091 PD	B		S	BFM	C	004	M						304				
	81105 PD	B		S	BFM	C	001	U						304				
	81113 PD	B		S	BFM	C	001	U						304				
	81118 PD	B		S	BFM	C	002	M						304				
	81275 PD	B		S	BFM	C	002	U						304				
	81292 PD	B		S	BFM	C	002	U						304				
	81292 PD	B		S	BFM	C	001	U						107				
	81309 PD	B		S	BFM	C	001	U						304				
	81317 PD	B		S	BFM	C	001	U						304				
	81338 PD	B		S	BFM	C	001	U						304				
	81348 PD	B		S	BFM	C	001	U						304				
	82008 PD	B		S	BFM	C	002	U						304				
	82015 PD	B		S	BFM	C	002	U						304				
	82022 PD	B		S	BFM	C	002	U						304				
	82084 PD	B		S	BFM	C	005	U						304				
	82096 PD	B		S	BFM	C	003	U						304				
	82103 PD	B		S	BFM	C	002	U						304				
	82111 PD	B		S	BFM	C	006	U						304				
	82117 PD	B		S	BFM	C	004	U						304				
	82124 PD	B		S	BFM	C	002	U						304				
	82131 PD	B		S	BFM	C	001	U						304				
	82279 PD	B		S	BFM	C	002	U						304				

R. I. C.

## RMA INSTALLATION RESTORATION ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 10

SPECIE SITE ID	OBS DATE	T HAB	T X	T L	P G	S PRG	S DB	S CNT	S D	S AG	T C	S K	P I	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
AYTAFF BASINF	82291	PD	B	S	BFM	C	001	U							304			
	82316	PD	B	S	BFM	C	001	U							304			
	82354	PD	B	S	BFM	C	002	U							304			
	83020	PD	B	S	BFM	C	004	U							304			
	83027	PD	B	S	BFM	C	002	U							304			
	83033	PD	B	S	BFM	C	001	U							304			
	83061	PD	B	S	BFM	C	002	U							304			
	83082	PD	B	S	BFM	C	004	U							304			
	83104	PD	B	S	BFM	C	004	U							304			
	83110	PD	B	S	BFM	C	002	U							304			
	83123	PD	B	S	BFM	C	002	U							304			
	84153	PD	B	S	BFM	C	069	U							304			
	85015	PD	B	S	BFM	C	002	U							304			
	85094	PD	B	S	BFM	C	008	U							304			
	85183	PD	B	S	BFM	C	003								304			
	86014	PD	B	S	BFM	C	006	U							304			
AYTAFF LAKEMARY	82106	LK	B	C	AQB	C	005	F		1	2	2	1	107				
	82106	LK	B	C	AQB	C	005	M		1	2	2	1	107				
AYTAFF LKLADORA	82106	LK	B	C	AQB	C	006	F		1	2	2	1	107				
	82106	LK	B	C	AQB	C	006	M		1	2	2	1	107				
AYTAME 1106	84202	PD	B	G	GEN	C	008	U		1	1	1	1	107				
AYTAME BASINF	80248	PD	B	S	BFM	C	017	U							304			
	80342	PD	B	S	BFM	C	001	U							304			
	80352	PD	B	S	BFM	C	001	M							304			
	81051	PD	B	S	BFM	C	001	M							107			
	81051	PD	B	S	BFM	C	003	U							304			
	81072	PD	B	S	BFM	C	001	M							304			
	81075	PD	B	S	BFM	C	001	F							107			
	81075	PD	B	S	BFM	C	002	M							304			
	81078	PD	B	S	BFM	C	001	U							107			
	81086	PD	B	S	BFM	C	001	M							107			
	81086	PD	B	S	BFM	C	001	M							304			
	81091	PD	B	S	BFM	C	001	M							304			
	81091	PD	B	S	BFM	C	001	F							304			
	81261	PD	B	S	BFM	C	001	U							304			
	81300	PD	B	S	BFM	C	001	U							304			
	81309	PD	B	S	BFM	C	002	U							304			
	82048	PD	B	S	BFM	C	001	M							304			
	82084	PD	B	S	BFM	C	006	U							304			
	82103	PD	B	S	BFM	C	001	U							304			
	82111	PD	B	S	BFM	C	001	U							304			
	82131	PD	B	S	BFM	C	001	U							304			
	82279	PD	B	S	BFM	C	001	U							304			
	82316	PD	B	S	BFM	C	001	U							304			
	82354	PD	B	S	BFM	C	002	U							304			
	83061	PD	B	S	BFM	C	004	U							304			

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 11

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	M OB	S CNT	T D	S AG	W C	P K	STAT I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
AYTAME BASINF	83082	PD	B	S	BFM	C	002	U								304			
	83104	PD	B	S	BFM	C	004	U								304			
	83136	PD	B	S	BFM	C	001	U								304			
	84153	PD	B	S	BFM	C	080	U								304			
	84171	PD	B	S	BFM	C	001	U								304			
	84251	PD	B	S	BFM	C	001	U								304			
	84265	PD	B	S	BFM	C	001	U								304			
	85094	PD	B	S	BFM	C	008	U								304			
	85282	PD	B	S	BFM	C	006									304			
AYTAME LAKEMARY	82106	LK	B	C	AQB	C	004	M	1	2	2	1	107						
	82106	LK	B	C	AQB	C	004	F	1	2	2	1	107						
AYTAME LKLADORA	82106	LK	B	C	AQB	C	012	F	1	2	2	1	107						
	82106	LK	B	C	AQB	C	012	M	1	2	2	1	107						
AYTAME LOWDERBY	84192	LK	B	G	REP	C	002	J					107	903					
	84192	LK	B	G	REP	C	001	F					107	903	125				
	84202	LK	B	G	REP	C	007	J	1	1	1	1	107						
	84202	LK	B	G	REP	C	005	J	1	1	1	1	107						
	84202	LK	B	G	REP	C	002	J	1	1	1	1	107						
	84202	LK	B	G	REP	C	001	F	1	1	1	1	107	125					
	84202	LK	B	G	REP	C	001	F	1	1	1	1	107	125					
	84202	LK	B	G	REP	C	001	F	1	1	1	1	107	125					
	84207	LK	B	G	REP	C	001	F	1	1	1	1	107	125					
	84207	LK	B	G	REP	C	002	J	1	1	1	1	107	125					
	84207	LK	B	G	REP	C	001	F	1	1	1	1	107	125					
	84207	LK	B	G	REP	C	005	J	1	1	1	1	107						
AYTAME NORTHBOG	82148	PD	B	G	GEN	C	002	M					107						
	82148	PD	B	G	GEN	C	002	F					107						
AYTAME RGPOOND	84177	PD	B	G	REP	C	001	F					107	903	125				
	84177	PD	B	G	REP	C	006	J					107	903					
	84207	PD	B	G	REP	C	006	J	1	1	1	1	107						
	84207	PD	B	G	REP	C	001	F	1	1	1	1	107	125					
AYTAME TSYPOOND	84173	PD	B	G	REP	C	001	F					107	903	125				
	84173	PD	B	G	REP	C	007	J					107	903					
	84207	PD	B	G	GEN	C	002	U	1	1	1	1	107						
AYTCOL BASINF	81338	PD	B	S	BFM	C	001	U					304						
	82015	PD	B	S	BFM	C	001	U					304						
	82048	PD	B	S	BFM	C	001	F					304						
	82048	PD	B	S	BFM	C	002	M					304						
	82316	PD	B	S	BFM	C	002	U					304						
	83020	PD	B	S	BFM	C	005	U					304						
	84153	PD	B	S	BFM	C	027	U					304						
	85015	PD	B	S	BFM	C	001	U					304						

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 12

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D AG	S CK	W I	P R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
AYTCOL LAKEMARY	85003	LK	B	G	GEN	C	006	U		2	2	2	1	107				
AYTCOL LKLADORA	82106	LK	B	C	AQB	C	004	U		1	2	2	1	107				
	85003	LK	B	G	GEN	C	003	U		2	2	2	1	107				
AYTVAL BASINF	84153	PD	B	S	BFM	C	002	U						304				
AYTVAL LKLADORA	82106	LK	B	C	AQB	C	004	M		1	2	2	1	107				
	82106	LK	B	C	AQB	C	004	F		1	2	2	1	107				
BIR BASINF	84153	PD	B	B	S	BFM	C	138	U					304				
BRACAN 0203	82106	CC	B	C	AQB	C	005	U		1	2	2	1	107				
BRACAN 1106	84207	PD	B	G	GEN	C	009	U		1	1	1	1	107				
BRACAN 2415	82105	CC	B	C	NRB	C	002	U		1	1	1	1	107				
BRACAN BASINF	82251	PD	B	S	BFM	C	001	U						304				
	84153	PD	B	S	BFM	C	001	U						304				
BRACAN LAKEMARY	82106	LK	B	C	AQB	C	009	M		1	2	2	1	107				
	84202	LK	B	G	GEN	C	056	U		1	1	1	1	107				
	84207	LK	B	G	GEN	C	010	U		1	1	1	1	107				
	85003	LK	B	G	GEN	C	012	U		2	2	2	1	105				
BRACAN LKLADORA	82106	LK	B	C	AQB	C	012	U		1	2	2	1	107				
	82123	LK	B	G	GEN	C	002	U						107				
	82123	LK	B	G	GEN	C	006	J						107				
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	005	J						107	903			
	84166	LK	B	G	REP	C	005	J						107	903			
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	004	J						107	903			
	84166	LK	B	G	REP	C	004	J						107	903			
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	002	J						107	903			
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	002	J						107	903			
	84166	LK	B	G	REP	C	002	J						107	903	125		
	84166	LK	B	G	REP	C	001	M						107	903	125		
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84166	LK	B	G	REP	C	001	F						107	903	125		
	84193	LK	B	G	GEN	C	062	U						107				
	84202	LK	B	G	GEN	C	016	U		1	1	1	1	107				
	84207	LK	B	G	GEN	C	040	U		1	1	1	1	107				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 13

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	M OB	S CNT	T D	S AG	W C	P K	STAT I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
BRACAN LKLADORA	85003	LK	B	G	GEN	E	400	U		2	2	2	1	103					
BRACAN LOWDERBY	82106	LK	B	C	AQB	C	006	U		1	2	2	1	107					
	84177	LK	B	G	GEN	C	044	U		1	1	1	1	107					
	84177	LK	B	G	REP	C	001	M						107	903	125			
	84177	LK	B	G	GEN	C	044	U						107					
	84177	LK	B	G	REP	C	001	F						107	903	125			
	84177	LK	B	G	REP	C	005	J						107	903				
	84202	LK	B	G	GEN	C	027	U		1	1	1	1	107					
	84207	LK	B	G	GEN	C	028	U		1	1	1	1	107					
	85003	LK	B	G	GEN	E	250	U		2	2	2	1	103					
BRACAN SEWPOND	83108	PD	B	C	NRB	C	002	U		1	1	1	1	107					
BRACAN TSYPPOND	82106	PD	B	C	AQB	C	004	U		1	2	2	1	107					
BRACAN UPPDERBY	84175	LK	B	G	REP	C	001	F						121	903	125			
	84175	LK	B	G	REP	C	003	J						121	903				
	84175	LK	B	G	REP	C	001	F						121	903	125			
	84175	LK	B	G	REP	C	001	M						121	903	125			
	84175	LK	B	G	REP	C	001	M						121	903	125			
	84175	LK	B	G	REP	C	003	J						121	903				
	84175	LK	B	G	REP	C	001	F						121	903	125			
	84175	LK	B	G	REP	C	001	M						121	903	125			
	84175	LK	B	G	REP	C	002	J						121	903				
BUBVIR 0503	82068	DW	B	G	GEN	C	001	U		2	2	2	2	124	561	902			
BUBVIR 0915	83111	DW	B	G	GEN	C	001	F		1	1	1	1	124	610				
	83111	DW	B	G	GEN	C	001	M		1	1	1	1	101	610				
BUBVIR 1111	84130	TCW	B	G	GEN	C	001	U						102					
BUBVIR 2408	82068	DW	B	C	NRB	C	001	U		2	2	2	2	102					
	82105	DW	B	C	NRB	C	001			1	1	1	1	124	561	902			
	83108	DW	B	C	NRB	C	001	F		1	1	1	1	124	561				
	83137	DW	B	C	NRB	C	003	J		1	1	1	1	101	561				
BUBVIR 2412	82103	DW	B	G	GEN	C	001	U						124	202	561			
	82105	TCC	B	C	NRB	C	001			1	1	1	1	101	575				
BUBVIR 2613	85015	WT	B	G	GEN	C	001	U		1	3	2	1	102					
BUBVIR 2709	83108	DW	B	C	NRB	C	001	M		1	1	1	1	101	610				
	83108	DW	B	C	NRB	C	001	F		1	1	1	1	124	610				
	83137	DW	B	C	NRB	C	001	F		1	1	1	1	124	610				
	83137	DW	B	C	NRB	C	002	J		1	1	1	1	124	610				
BUBVIR 3009	85032	TCC	B	G	GEN	C	002	U		3	1	1	1	101	561				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 14

SPECIE SITE ID	OBS DATE	T HAB	T X	T L	P G	S PRG	M OB	S CNT	T D	S AG	T C	S K	T I	S R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
BUCALB BASINF	80302 PD	B	S	BFM	C	001	U									107				
	80308 PD	B	S	BFM	C	002	M									304				
	80342 PD	B	S	BFM	C	002	U									304				
	81086 PD	B	S	BFM	C	001	F									304				
	81091 PD	B	S	BFM	C	001	M									304				
	81113 PD	B	S	BFM	C	001	U									304				
	81118 PD	B	S	BFM	C	001	U									107				
	81118 PD	B	S	BFM	C	001	U									304				
	81300 PD	B	S	BFM	C	001	U									304				
	81317 PD	B	S	BFM	C	002	F									304				
	81317 PD	B	S	BFM	C	001	M									304				
	82048 PD	B	S	BFM	C	001	M									304				
	82084 PD	B	S	BFM	C	001	U									304				
	82103 PD	B	S	BFM	C	001	U									304				
	82111 PD	B	S	BFM	C	001	U									304				
	82162 PD	B	S	BFM	C	001	U									304				
	82316 PD	B	S	BFM	C	001	U									304				
	82354 PD	B	S	BFM	C	001	U									304				
	83123 PD	B	S	BFM	C	001	U									304				
	84153 PD	B	S	BFM	C	018	U									304				
	86014 PD	B	S	BFM	C	001	U									304				
BUCCLA BASINF	80331 PD	B	S	BFM	C	002	M									304				
	80331 PD	B	S	BFM	C	001	F									107				
	80342 PD	B	S	BFM	C	002	U									304				
	80343 PD	B	S	BFM	C	001	M									304				
	80345 PD	B	S	BFM	C	001	M									107				
	81014 PD	B	S	BFM	C	001	U									304				
	81034 PD	B	S	BFM	C	001	U									107				
	81037 PD	B	S	BFM	C	002	U									107				
	81044 PD	B	S	BFM	C	001	M									304				
	81091 PD	B	S	BFM	C	003	M									304				
	81105 PD	B	S	BFM	C	001	U									304				
	81118 PD	B	S	BFM	C	001	U									304				
	81317 PD	B	S	BFM	C	001	F									304				
	81338 PD	B	S	BFM	C	001	U									304				
	82015 PD	B	S	BFM	C	002	U									304				
	82022 PD	B	S	BFM	C	003	U									304				
	82048 PD	B	S	BFM	C	002	M									304				
	82048 PD	B	S	BFM	C	002	F									304				
	82111 PD	B	S	BFM	C	001	U									304				
	83020 PD	B	S	BFM	C	001	U									304				
	83027 PD	B	S	BFM	C	001	U									304				
	83033 PD	B	S	BFM	C	001	U									304				
	84153 PD	B	S	BFM	C	046	U									304				
	85015 PD	B	S	BFM	C	001	U									304				
	85094 PD	B	S	BFM	C	003	U									304				
	85183 PD	B	S	BFM	C	003										304				
	86014 PD	B	S	BFM	C	001	U									304				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 15

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT OB	S CNT	D AG	T C	S K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO
BUTJAM 0104	82068 DW	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 0213	84202 WT	B	G	GEN	CX	001	J					304	414	901			E04875
BUTJAM 0403	82068 WT	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 0504	82068 NT	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 0506	82176 WT	B	C	HAW	C	001	U		1	1	1	1	102				
BUTJAM 0510	82068 SD	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 0906	82068 CW	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 0913	82068 SD	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 1116	82176 DW	B	C	HAW	C	001	U		1	1	1	1	101	561			
BUTJAM 2203	82272 DW	B	C	NRB	C	001	U		1	1	1	1	101	610			
BUTJAM 2208	82176 CW	B	C	HAW	C	001	U		1	1	1	1	102				
BUTJAM 2212	82330 WT	B	C	NRB	C	001	U		1	1	1	1	102				
BUTJAM 2309	82068 WT	B	C	NRB	C	001	U		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 2403	82068 WT	B	C	NRB	C	001	U		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 2412	82330 WT	B	C	NRB	C	001	U		1	1	1	1	102				
BUTJAM 2508	83027 TWT	B	C	NRB	C	001	U		1	2	1	1	101	561			
BUTJAM 2609	83027 NT	B	C	NRB	C	001	U		1	2	1	1	101	405			
BUTJAM 2709	82068 DW	B	C	NRB	C	001	U		2	2	2	2	101	610			
	82068 DW	B	C	HAW	C	001	U		2	2	2	2	101	610			
BUTJAM 3216	82068 SD	B	C	HAW	C	001	U		2	2	2	2	102				
BUTJAM 3502	83186 RT	B	G	GEN	CX	001	J				302	401	901			E04878	
BUTJAM 3604	85122 WT	B	G	GEN	CX	001	J				302	901	414			E05164	
BUTJAM TSYPPOND	83297 PD	B	G	GEN	CX	001	J				302	415	901			E04872	
BUTLAG 0501	82068 WT	B	C	HAW	C	001	U		2	2	2	2	101	405			
BUTLAG 0607	82068 RT	B	C	HAW	C	001	U		2	2	2	2	102				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 16

SPECIE SITE ID	OBS DATE	T HAB X	T L G	P PRG	SUB DB	MT CNT	S D	T AG	S CK	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO
BUTLAG 1008	82068	TSD	B	C	HAW	C	001	U		2	2	2	2	101	610	
BUTLAG 1107	82068	TNT	B	C	HAW	C	001	U		2	2	2	2	101	610	
BUTLAG 1206	82068	NT	B	C	HAW	C	001	U		2	2	2	2	102		
BUTLAG 2403	82330	WT	B	C	NRB	C	001	U		1	1	1	1	101	405	
BUTLAG 2404	82068	WT	B	C	NRB	C	001	U		2	2	2	2	101	405	
	82068	WT	B	C	HAW	C	001	U		2	2	2	2	101	405	
	82330	WT	B	C	NRB	C	001	U		1	1	1	1	101	405	
	83027	WT	B	C	NRB	C	001	U		1	2	1	1	101	405	
BUTLAG 2411	82330	WT	B	C	NRB	C	001	U		1	1	1	1	102		
BUTLAG 2412	82068	WT	B	C	NRB	C	002	U		2	2	2	2	102		
	82068	WT	B	C	HAW	C	002	U		2	2	2	2	102		
	82330	WT	B	C	NRB	C	001	U		1	1	1	1	102		
BUTLAG 2504	83027	DW	B	C	NRB	C	001	U		1	2	1	1	101	561	
BUTLAG 2613	83027	WT	B	C	NRB	C	001	U		1	2	1	1	102		
BUTLAG 2704	83027	TSD	B	C	NRB	C	001	U		1	2	1	1	101	561	
BUTLAG 3001	82330	TCC	B	G	GEN	C	001	U		1	1	1	1	101	561	
BUTLAG 3005	82068	DCC	B	C	HAW	C	001	U		2	2	2	2	101	610	
BUTLAG 3009	82330	CC	B	G	GEN	C	001	U		1	1	1	1	101	561	
	84135	DCC	B	G	GEN	C	001	U						101	561	
BUTLAG 3010	82068	WT	B	C	HAW	C	001	U		2	2	2	2	102		
BUTLAG 3104	82068	DCC	B	C	HAW	C	001	U		2	2	2	2	101	610	
BUTLAG 3107	82068	TMT	B	C	HAW	C	001	U		2	2	2	2	101	610	
BUTLAG 3115	82068	RT	B	C	HAW	C	001	U		2	2	2	2	102		
BUTREG 2212	82105	PWT	B	C	NRB	C	001	U		1	1	1	1	102		
BUTREG 2413	83027	WT	B	C	NRB	C	001	U		1	2	1	1	101	405	
BUTREG 2703	82153	PSD	B	C	NRB	C	001	U		1	1	1	1	101	401	
	83137	SD	B	C	NRB	C	001	U		1	1	1	1	101	401	
BUTREG 2901	83168	WT	B	G	GEN	CX	001	U				305	401	901	E04881	
BUTSPP 2412	82272	WT	B	C	NRB	C	001	U		1	1	1	1	102		

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 17

SPECIE SITE ID	OBS DATE	T HAB X	T L G	P PRG	S SUB DB	M CNT	S D AG	T C	S W K	P I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
BUTSWA 0808	82112	DWT	B	G GEN	C 002	U					101	561				
BUTSWA 0811	82176	NT	B	C HAW	C 001	U		1	1	1	1	102				
BUTSWA 1107	82106	NT	B	G GEN	C 002	U					102					
	83110	TNT	B	G GEN	C 001	U		1	1	1	1	101	561			
BUTSWA 2208	82153	CW	B	C NRB	C 001	U		1	1	1	1	102				
BUTSWA 2301	82272	CW	B	C NRB	C 001	U		1	1	1	1	102				
BUTSWA 2303	82267	WT	B	G GEN	C 002	U					102					
BUTSWA 2316	82266	PWT	B	G GEN	C 002	U					102					
	82272	WT	B	C NRB	C 001	U		1	1	1	1	102				
BUTSWA 2407	83137	WT	B	C NRB	C 001	U		1	1	1	1	101	405			
BUTSWA 2408	82176	DW	B	C HAW	C 001	U		1	1	1	1	124	561	203		
	85136	DW	B	G GEN	C 001	U		1	2	2	1	102				
	85136	DW	B	G GEN	C 001	F		1	2	2	1	124	561	203		
BUTSWA 2411	82105	WT	B	C NRB	C 002			1	1	1	1	102				
	83108	WT	B	C NRB	C 001	U		1	1	1	1	102				
BUTSWA 2510	84181	WT	B	G GEN	C 012	U					102					
BUTSWA 2512	82153	WT	B	C NRB	C 001	U					102					
BUTSWA 2515	82105	WT	B	C NRB	C 001			1	1	1	1	102				
BUTSWA 2610	82272	IA	B	C NRB	C 001	U		1	1	1	1	101	413			
BUTSWA 2708	82105	SD	B	C NRB	C 001			1	1	1	1	102				
BUTSWA 2709	82272	DW	B	C NRB	C 001	U		1	1	1	1	101	610			
BUTSWA 3001	83110	WT	B	G GEN	C 002	U		1	1	1	1	102				
BUTSWA 3005	82105	WT	B	G GEN	C 001	U		1	1	1	1	101	405			
BUTSWA 3113	82176	SD	B	C HAW	C 002	U		1	1	1	1	101	401			
BUTSWA 3506	84181	WT	B	G GEN	C 018	U					102	101	401			
CANLAT 0112	84298	WT	M	G GEN	C 001	U		1	2	2	1	106				
CANLAT 0604	84311	NT	M	G GEN	C 001	U		1	2	2	1	106				
CANLAT 0911	85023	SD	M	G GEN	C 002	U		3	1	1	1	106				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 18

SPECIE SITE ID	OBS DATE	T HAB	T X L	P G	SUB PRG	MT OB	S CNT	T D AG	S C	W K	P I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
CANLAT 1111	85023	NT	M	G	GEN	C	001	U	3	1	1	1	106				
CANLAT 1115	85003	WT	M	G	GEN	C	001	U	2	2	2	1	103				
CANLAT 1216	85028	WT	M	G	GEN	C	001	U	2	1	1	1	105				
CANLAT 1913	86031	BG	M	G	GEN	C	001	U	2	1	1	1	105				
CANLAT 2303	84355	WT	M	G	GEN	C	001	U	1	1	1	1	106				
CANLAT 2404	82153	WT	M	C	NRB	C	001	U	1	1	1	1	106				
CANLAT 2410	82330	WT	M	C	NRB	C	001	U	1	1	1	1	121				
CANLAT 2504	84355	WT	M	G	GEN	C	001	U	1	1	1	1	121	414			
CANLAT 2510	83013	WT	M	G	GEN	C	001	U	1	1	1	1	121				
CANLAT 2602	84296	WT	M	G	GEN	C	003	U	3	3	1	1	121				
CANLAT 2607	84352	WT	M	G	GEN	C	004	U	3	1	2	1	105				
CANLAT 2616	82153	WT	M	G	GEN	C	001	U					105				
	82272	WT	M	C	NRB	C	002	U	1	1	1	1	121				
CANLAT 2906	85029	PWT	M	G	GEN	C	001	U	3	3	2	1	121				
CANLAT 3106	82130	WT	M	G	GEN	C	001	U					106				
CANLAT 3205	85029	PWT	M	G	GEN	C	001	U	3	3	2	1	103				
CANLAT 3602	86058	WT	M	G	GEN	C	001	U	2	1	1	1	105				
CANLAT SEWPOND	84192	WT	M	G	GEN	C	001	J					106	904			
CERDEM LKLADORA	82159	LK	P	S	LAK								901				E04535
CHAVOC LOWDERBY	82106	LK	B	C	AQB	C	032	U	1	2	2	1	105				
CHAVOC SEWPOND	82153	PD	B	C	NRB	C	001	U	1	1	1	1	105				
CIRCYA 0202	83027	MT	B	G	GEN	C	001	F	1	2	1	1	102				
CIRCYA 0603	82068	RT	B	C	HAW	C	001	F	2	2	2	2	102				
CIRCYA 2204	82330	WT	B	C	NRB	C	001	F	1	1	1	1	102				
CIRCYA 2303	82267	WT	B	G	GEN	C	001	F					102				
CIRCYA 2305	82068	CW	B	C	NRB	C	001	F	2	2	2	2	102				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 19

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D AG	S C	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO
CIRCYA 2305	82068 CW	B	C	HAW	C	001	F		2	2	2	2	102				
CIRCYA 2310	82330 CW	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2315	82068 WT	B	C	NRB	C	001	F		2	2	2	2	102				
	82068 WT	B	C	NRB	C	001	M		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	M		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	F		2	2	2	2	102				
CIRCYA 2404	82068 WT	B	C	NRB	C	002	F		2	2	2	2	102				
	82068 WT	B	C	HAW	C	002	F		2	2	2	2	102				
	82330 WT	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2408	82105 WT	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2409	82330 WT	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2410	82272 WT	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2411	82330 WT	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2416	82068 NT	B	C	NRB	C	001	M		2	2	2	2	102				
	82068 NT	B	C	HAW	C	001	M		2	2	2	2	102				
CIRCYA 2601	82272 SD	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 2607	85003 WT	B	G	GEN	C	001	F		2	2	2	1	102				
CIRCYA 2609	82068 WT	B	C	NRB	C	001	M		2	2	2	2	102				
	82068 WT	B	C	NRB	C	001	F		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	F		2	2	2	2	102				
	82068 WT	B	C	HAW	C	001	M		2	2	2	2	102				
CIRCYA 2716	82330 SD	B	C	NRB	C	001	F		1	1	1	1	102				
CIRCYA 3009	82068 WT	B	C	HAW	C	001	F		2	2	2	2	102				
CIRCYA LOWDERBY	84178 LK	B	G	REP	C	002	E						608	903			
COLLIV BASINF	82084 PD	B	S	BFM	C	001	U						304				
CRU	LAKEMARY	82159 LK	I	C	S	LAK							901				E04528
CRU	LKLADORA	82159 LK	I	C	S	LAK							901				E04529
CRU	LOWDERBY	82160 LK	I	C	S	LAK							901				E04530
CYACRI 0308	84130 TSD	B	G	GEN	C	001	U						101	610			
CYNLUUD 2206	83136 PWT	M	G	GEN	CX	001	J						302	414	901		E04891

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 20

SPECIE SITE ID	OBS DATE	T HAB	X L	P G	S PRG	MT OB	S CNT	T D AG	S C	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO
CYNLUD 2511	83173	PIA	M	G	GEN	CX	001	U				305	414	901		E04888
CYNLUD BASINF	80248	PD	M	S	BFM	C	009	U				304				
EGRTHU 1106	82119	PD	B	G	GEN	C	001	U				121	904			
EGRTHU LOWDERBY	83110	LK	B	G	GEN	C	001	U	1	1	1	1	121			
FALCOL 3507	82077	SD	B	G	GEN	C	001	U				101	405			
FALMEX 2303	84355	WT	B	G	GEN	C	001	U	1	1	1	1	102			
FALMEX 2403	83046	WT	B	G	GEN	C	001	U	1	1	1	1	101	405		
FALMEX 3001	84135	SD	B	G	GEN	C	001	U				102				
FALMEX 3004	82176	WT	B	C	HAW	C	001	U	1	1	1	1	101	401		
FALSPA 0103	84130	DW	B	G	GEN	C	001	U				102				
FALSPA 0202	84130	WT	B	G	GEN	C	001	U				102				
FALSPA 0203	84131	DW	B	G	GEN	C	001	U				102				
FALSPA 0204	82106	DW	B	G	GEN	C	001	U				102				
FALSPA 0503	82176	DW	B	C	HAW	C	001	U	1	1	1	1	101	561		
FALSPA 0612	84131	IA	B	G	GEN	C	001	U				102				
FALSPA 0713	82106	TCC	B	G	GEN	C	001	U				102				
	82119	CC	B	G	GEN	C	001	U				102				
FALSPA 0802	82176	TCW	B	C	HAW	C	001	U	1	1	1	1	101	561		
FALSPA 0812	82176	TWT	B	C	HAW	C	002	U	1	1	1	1	101	561		
FALSPA 0907	82176	SD	B	C	HAW	C	002	U	1	1	1	1	101	405		
FALSPA 1905	82105	WT	B	G	GEN	C	001	U	1	1	1	1	101	405		
FALSPA 1909	82103	WW	B	G	GEN	C	001	U				101	405			
FALSPA 2301	82176	CW	B	C	HAW	C	001	U	1	1	1	1	101	405		
	83108	WT	B	C	NRB	C	002	U	1	1	1	1	101	405		
FALSPA 2302	83111	WT	B	G	GEN	C	001	U	1	1	1	1	101	405		
FALSPA 2309	82105	CW	B	C	NRB	C	001		1	1	1	1	101	405		

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 21

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D AG	S C	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO	
FALSPA 2402	83137	WT	B	C	NRB	C	001	U		1	1	1	1	102				
FALSPA 2404	83108	WT	B	C	NRB	C	001	U		1	1	1	1	101	405			
FALSPA 2408	82153	WT	B	C	NRB	C	001	U		1	1	1	1	102				
	82176	DW	B	C	HAW	C	001	U		1	1	1	1	102				
FALSPA 2412	82103	WT	B	G	GEN	C	001	U						102				
FALSPA 2414	83111	DW	B	G	GEN	C	001	U		1	1	1	1	101	561			
FALSPA 2515	82105	DW	B	C	NRB	C	001			1	1	1	1	101	561			
FALSPA 2516	82153	WT	B	C	NRB	C	001	U		1	1	1	1	102				
FALSPA 2610	82117	WT	B	G	GEN	C	001	U						101	413			
FALSPA 3001	82105	SD	B	G	GEN	C	001	U		1	1	1	1	102				
	82130	TCC	B	S	KES	C	002	E										
	82130	TCC	B	S	KES	C	001	U						101	561			
	82176	WT	B	C	HAW	C	002	U		1	1	1	1	102				
FALSPA 3005	83108	WT	B	G	GEN	C	001	U		1	1	1	1	101	405			
	83111	WT	B	G	GEN	C	001	U		1	1	1	1	101	405			
	83137	WT	B	G	GEN	C	001	U		1	1	1	1	101	412			
FALSPA 3009	82103	DW	B	G	GEN	C	001	U						101	405			
	82105	DW	B	G	GEN	C	002	U		1	1	1	1	102	122			
	82105	WT	B	G	GEN	C	001	U		1	1	1	1	101	405			
	83108	WT	B	G	GEN	C	001	U		1	1	1	1	101	405			
FALSPP BASINF	84307	PD	B	S	BFM	C	001	U						304				
FULAME 0203	82106	CC	B	C	AQB	C	008	U		1	2	2	1	107				
FULAME BASINF	80248	PD	B	S	BFM	C	093	U						304				
	80248	PD	B	S	BFM	C	002	U						107				
	80263	PD	B	S	BFM	C	001	U						304				
	80274	PD	B	S	BFM	C	002	U						304				
	80276	PD	B	S	BFM	C	002	U						304				
	80276	PD	B	S	BFM	C	002	U						107				
	80280	PD	B	F	S	BFM	C	002	U					304				
	80342	PD	B	S	BFM	C	004	U						304				
	81118	PD	B	S	BFM	C	001	U						304				
	81147	PD	B	S	BFM	C	001	U						304				
	81197	PD	B	S	BFM	C	001	U						107				
	81203	PD	B	S	BFM	C	002	U						107				
	81239	PD	B	S	BFM	C	001	U						107				
	81261	PD	B	S	BFM	C	001	U						304				
	81271	PD	B	S	BFM	C	001	U						107				

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 22

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D AG	S C	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO	
FULAME BASINF	81275 PD	B	S	BFM	C	006	U							304				
	81281 PD	B	S	BFM	C	001	U							304				
	81292 PD	B	S	BFM	C	001	U							304				
	81317 PD	B	S	BFM	C	002	U							304				
	82015 PD	B	S	BFM	C	002	U							304				
	82267 PD	B	S	BFM	C	001	U							304				
	82279 PD	B	S	BFM	C	004	U							304				
	83033 PD	B	S	BFM	C	001	U							304				
	83110 PD	B	S	BFM	C	001	U							304				
	83123 PD	B	S	BFM	C	001	U							304				
	84153 PD	B	S	BFM	C	013	U							304				
	84272 PD	B	S	BFM	C	001	U							304				
	85015 PD	B	S	BFM	C	002	U							304				
	85183 PD	B	S	BFM	C	002								304				
	86014 PD	B	S	BFM	C	001	U							304				
FULAME LAKEMARY	82106 LK	B	C	AQB	C	004	U		1	2	2	1	107					
	84202 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84202 LK	B	G	REP	C	003	J		1	1	1	1	107					
	84207 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84207 LK	B	G	REP	C	005	J		1	1	1	1	107					
	84207 LK	B	G	REP	C	001	M		1	1	1	1	107	125				
	85003 LK	B	G	GEN	C	001	U		2	2	2	1	103					
FULAME LKLADORA	82106 LK	B	C	AQB	C	153	U		1	2	2	1	107					
	84202 LK	B	G	GEN	C	009	U		1	1	1	1	107					
	84207 LK	B	G	GEN	C	011	U		1	1	1	1	107					
	84207 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84207 LK	B	G	REP	C	001	M		1	1	1	1	107	125				
	84207 LK	B	G	REP	C	004	J		1	1	1	1	107					
FULAME LOWDERBY	84192 LK	B	G	GEN	C	004	U						107					
	84202 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84202 LK	B	G	REP	C	002	J		1	1	1	1	107					
	84202 LK	B	G	REP	C	001	M		1	1	1	1	107					
	84202 LK	B	G	REP	C	001	M		1	1	1	1	107					
	84202 LK	B	G	REP	C	003	J		1	1	1	1	107					
	84202 LK	B	G	GEN	C	004	U		1	1	1	1	107					
	84202 LK	B	G	REP	C	003	J		1	1	1	1	107					
	84202 LK	B	G	REP	C	001	M		1	1	1	1	107					
	84202 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84202 LK	B	G	REP	C	001	F		1	1	1	1	107	125				
	84202 LK	B	G	GEN	C	019	U		1	1	1	1	107					
	84202 LK	B	G	GEN	C	004	J		1	1	1	1	107					
	84207 LK	B	G	GEN	C	009	U		1	1	1	1	107					
	84207 LK	B	G	GEN	C	001	J		1	1	1	1	107					
FULAME NORTHBOG	82148 PD	B	G	GEN	C	002	U						107					
	82153 PD	B	C	NRB	C	002	U		1	1	1	1	107					
	84185 PD	B	G	GEN	C	002	U						107					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 23

SPECIE SITE ID	OBS DATE	T HAB	T X L	P G PRG	SUB DB	MT CNT	S D AG	T C	W K	P I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
FULAME NORTHBOG	84192 PD	B	G	REP C	002	J					107	903				
	84192 PD	B	G	GEN C	005	U					107					
	84200 PD	B	G	REP C	001	F					107	903	125			
	84200 PD	B	G	REP C	003	J					107	903				
FULAME RGPOOND	84177 PD	B	G	REP C	005	J					107	903				
	84185 PD	B	G	REP C	004	J					107	903				
	84207 PD	B	G	GEN C	011	J	1	1	1	1	107					
	84207 PD	B	G	GEN C	003	U	1	1	1	1	107					
HALLEU 0509	84040 DW	B	G	GEN C	001	U	1	1	1	1	102	904				
HALLEU 1902	85051 SD	B	G	GEN C	001	J	2	2	1	1	102	904				
HALLEU 1903	86052 WT	B	G	GEN C	001	U	2	1	1	1	101	405	904			
HALLEU 2408	85029 DW	B	G	GEN C	001	U	3	3	2	1	101	561	904			
	85029 DW	B	G	GEN C	001	J	3	3	2	1	101	561	904			
HALLEU 2412	84355 DW	B	G	GEN C	003	J	1	1	1	1	102	904				
HALLEU 2901	85051 WT	B	G	GEN C	001	U	2	2	1	1	102	904				
HALLEU 2906	85029 PWT	B	G	GEN C	002	U	3	3	2	1	102	904				
	85029 PWT	B	G	GEN C	001	J	3	3	2	1	102	904				
HALLEU 3001	85032 TCC	B	G	GEN C	001	J	3	1	1	1	101	561	904			
	85032 TCC	B	G	GEN C	001	U	3	1	1	1	101	561	904			
HALLEU 3013	86052 WT	B	G	GEN C	001	U	2	1	1	1	101	405	904			
HALLEU 3015	86031 DWT	B	G	GEN C	001	J	2	1	1	1	101	410	904			
HALLEU 3016	83042 WT	B	G	GEN C	001	U	1	1	1	1	102					
HALLEU 3512	85028 WT	B	G	GEN C	001	U	2	1	1	1	101	561	904			
HALLEU LOWDERBY	85017 LK	B	G	GEN C	001	U	2	2	2	1	102	904				
	85017 LK	B	G	GEN C	001	J	2	2	2	1	102	904				
LANLUD 1115	84130 CW	B	G	GEN C	001	U					102					
LARSPP BASINF	82267 PD	B	S	BFM C	001	U					304					
LEPCAL BASINF	80248 PD	M	S	BFM C	006	U					304					
LOPCUC BASINF	81118 PD	B	S	BFM C	001	M					304					
	84153 PD	B	S	BFM C	001	U					304					
	86014 PD	B	S	BFM C	001	U					304					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 24

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D	S AG	W C	P K	STAT I R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
MERMER BASINF	80248 PD	B	S	BFM	C	036	U							304				
	80331 PD	B	S	BFM	C	001	U							304				
	80338 PD	B	S	BFM	C	001	U							304				
	80342 PD	B	S	BFM	C	001	U							304				
	80347 PD	B	S	BFM	C	001	U							107				
	80352 PD	B	S	BFM	C	001	U							304				
	81040 PD	B	S	BFM	C	001	U							304				
	81044 PD	B	S	BFM	C	004	U							304				
	81051 PD	B	S	BFM	C	002	U							304				
	81072 PD	B	S	BFM	C	001	U							107				
	81118 PD	B	S	BFM	C	001	U							304				
	82022 PD	B	S	BFM	C	002	U							304				
	82048 PD	B	S	BFM	C	003	U							304				
	82084 PD	B	S	BFM	C	002	U							304				
	82117 PD	B	S	BFM	C	001	U							304				
	82145 PD	B	S	BFM	C	002	U							304				
	82316 PD	B	S	BFM	C	001	U							304				
	82354 PD	B	S	BFM	C	002	U							304				
	83020 PD	B	S	BFM	C	001	U							304				
	83047 PD	B	S	BFM	C	001	U							304				
	84153 PD	B	S	BFM	C	045	U							304				
	86014 PD	B	S	BFM	C	003	U							304				
MIMPOL 0501	84131 CDW	B	G	GEN	C	001	U							101	453			
MYATOW 0501	84054 CD	B	G	GEN	C	001	U		1	1	1	1	101	453				
MYREXA LKLADORA	82159 LK	P	S	LAK									901					E04534
NYCNYC 0203	82106 CC	B	C	AQB	C	002	U		1	2	2	1	121					
NYCNYC 3107	84173 DW	B	G	GEN	C	012	U		1	1	1	1	101	561				
NYCNYC RGPOOND	84207 PD	B	G	GEN	C	001	U		1	1	1	1	101	410				
ODO LAKEMARY	82159 LK	I O S	LAK										901					E04531
ODO LKLADORA	82160 LK	I O S	LAK										901					E04532
ODOHEM 0103	82071 DW	M	G	GEN	C	012	U						121					
	83013 DMT	M	C	DEE	C	003	M		1	1	1	1	121					
	83013 DMT	M	C	DEE	C	024	F		1	1	1	1	121					
ODOHEM 0104	82068 DW	M	C	DEE	C	004	M		2	2	2	2	121					
	82068 DW	M	C	DEE	C	004	U		2	2	2	2	121					
	83013 DW	M	C	DEE	C	003	M		1	1	1	1	121	560				
	83013 DW	M	C	DEE	C	006	F		1	1	1	1	121	560				
ODOHEM 0106	83013 DLK	M	C	DEE	C	001	M		1	1	1	1	121					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 25

SPECIE SITE ID	OBS DATE	T HAB	X L	P G	SUB PRG	MT DB	S CNT	T D AG	W C	P K	STAT R	STAT I	STAT K	STAT R	SPEC NO
ODOHEM 0107	82068	DW	M	C DEE	C	028	U		2	2	2	2	121		
	82068	DW	M	C DEE	C	002	M		2	2	2	2	121		
	83013	DLK	M	C DEE	C	004	F		1	1	1	1	121		
	83027	MT	M	G GEN	C	009	F		1	2	1	1	103		
	83027	MT	M	G GEN	C	002	M		1	2	1	1	103		
ODOHEM 0108	84352	MT	M	G GEN	C	002	M		3	1	2	1	103		
	84352	MT	M	G GEN	C	010	F		3	1	2	1	103		
ODOHEM 0114	82236	IA	M	G GEN	CX	001	J					901		E04521	
	82314	IA	M	G GEN	CX	001	F					305	901	E04524	
ODOHEM 0204	83013	DCC	M	C DEE	C	002	M		1	1	1	1	121		
	83013	DCC	M	C DEE	C	006	F		1	1	1	1	121		
ODOHEM 0503	82068	DW	M	C DEE	C	001	U		2	2	2	2	121		
ODOHEM 0605	83027	DW	M	G GEN	C	004	F		1	2	1	1	103		
ODOHEM 0609	83027	CW	M	G GEN	C	002	M		1	2	1	1	121		
	83027	CW	M	G GEN	C	038	F		1	2	1	1	121		
ODOHEM 0616	83013	DCC	M	C DEE	C	006	M		1	1	1	1	121		
	83013	DCC	M	C DEE	C	001	F		1	1	1	1	121		
ODOHEM 1215	85003	DW	M	G GEN	C	016	U		2	2	2	1	103		
	85003	DW	M	G GEN	C	004	M		2	2	2	1	103		
ODOHEM 1901	82068	CW	M	C DEE	C	020	U		2	2	2	2	121		
ODOHEM 1906	82105	SD	M	C AQB	C	005	U		1	1	1	1	121		
	82330	SD	M	G GEN	C	002	F		1	1	1	1	121		
	82330	SD	M	G GEN	C	002	M		1	1	1	1	121		
ODOHEM 2304	84355	WT	M	G GEN	C	014	U		1	1	1	1	121		
	84355	WT	M	G GEN	C	008	M		1	1	1	1	121		
ODOHEM 2403	82330	WT	M	C NRB	C	001	M		1	1	1	1	121		
	82330	WT	M	C NRB	C	005	F		1	1	1	1	121		
ODOHEM 2404	82153	WT	M	C NRB	C	005	U		1	1	1	1	121		
ODOHEM 2408	82068	DW	M	C NRB	C	010	M		2	2	2	2	121		
	82068	DW	M	C NRB	C	019	U		2	2	2	2	121		
	82068	DW	M	C DEE	C	010	M		2	2	2	2	121		
	82068	DW	M	C DEE	C	019	U		2	2	2	2	121		
	82105	WT	M	C NRB	C	021	U		1	1	1	1	121		
	82153	WT	M	C NRB	C	001	M		1	1	1	1	121		
ODOHEM 2501	83027	WT	M	C NRB	C	041	F		1	2	1	1	121		

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 26

SPECIE SITE ID	OBS DATE	T HAB	T X L	P G	S PRG	M OB	CNT	S D	T AG	S C	W K	P I	R STAT	1 STAT	2 STAT	3 STAT	4 STAT	SPEC NO
ODOHEM 2501	83027 WT	M		C NRB	C	015	M		1	2	1	1	121					
ODOHEM 2510	83013 WT	M		C DEE	C	020	M		1	1	1	1	121					
	83013 WT	M		C DEE	C	047	F		1	1	1	1	121					
	83042 WT	M		G GEN	C	061	U		1	1	1	1	103					
	83042 WT	M		G GEN	C	018	M		1	1	1	1	103					
ODOHEM 2513	84355 WT	M		G GEN	C	004	M		1	1	1	1	121					
	84355 WT	M		G GEN	C	011	U		1	1	1	1	121					
ODOHEM 2516	82105 WT	M		C NRB	C	022	U		1	1	1	1	121					
	82153 CC	M		C NRB	C	002	F		1	1	1	1	121					
	82153 CC	M		C NRB	C	005	M		1	1	1	1	121					
ODOHEM 2604	84355 WT	M		G GEN	C	003	U		1	1	1	1	121					
ODOHEM 2609	82272 WT	M		C NRB	C	009	F		1	1	1	1	121					
	82272 WT	M		C NRB	C	002	M		1	1	1	1	121					
	82330 WT	M		C NRB	C	010	F		1	1	1	1	121					
	82330 WT	M		C NRB	C	005	M		1	1	1	1	121					
	83108 WT	M		C NRB	C	007	U		1	1	1	1	121					
	84355 WT	M		G GEN	C	009	U		1	1	1	1	121					
	84355 WT	M		G GEN	C	001	M		1	1	1	1	121					
ODOHEM 2613	85003 WT	M		G GEN	C	011	M		2	2	2	1	121					
	85003 WT	M		G GEN	C	004	M		2	2	2	1	121					
ODOHEM 2616	84355 WT	M		G GEN	C	005	U		1	1	1	1	121					
	84355 WT	M		G GEN	C	002	M		1	1	1	1	121					
ODOHEM 2704	82068 SD	M		C NRB	C	007	U		2	2	2	2	121					
	82068 SD	M		C DEE	C	007	U		2	2	2	2	121					
ODOHEM 2708	82153 SD	M		C NRB	C	003	F		1	1	1	1	121					
	82153 SD	M		C NRB	C	001	M		1	1	1	1	121					
ODOHEM 3001	82130 WT	M		G GEN	C	021	U						121					
ODOHEM 3005	83108 WT	M		G GEN	C	021	U		1	1	1	1	121					
	83137 DW	M		G GEN	C	012	U		1	1	1	1	103					
ODOHEM 3013	83027 DW	M		G GEN	C	002	F		1	2	1	1	121					
ODOHEM 3102	83013 DW	M		C DEE	C	004	F		1	1	1	1	121					
	83013 DW	M		C DEE	C	001	M		1	1	1	1	121					
ODOHEM 3601	84355 WT	M		G GEN	C	005	U		1	1	1	1	121					
ODOVIR 0103	82071 DW	M		G GEN	C	004	U						121					
	83027 DW	M		G GEN	C	005	F		1	2	1	1	121					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 27

SPECIE SITE ID	OBS DATE	T T P SUB MT				S CNT	D AG	T S W P	STAT			STAT	STAT	SPEC NO
		HAB	X L	G PRG	OB				MT	K I R	1			
ODOVIR 0104	83013 DW	M	C DEE C	009 F			1 1 1 1	121	560					
ODOVIR 0108	84298 NT	M	G GEN C	003 M			1 2 2 1	106						
	84352 MT	M	G GEN C	003 F			3 1 2 1	103						
	84352 MT	M	G GEN C	001 M			3 1 2 1	103						
ODOVIR 0501	82068 DW	M	C DEE C	001 M			2 2 2 2	106						
	82068 DW	M	C DEE C	012 U			2 2 2 2	106						
ODOVIR 0506	82112 DW	M	G GEN C	008 U					106					
ODOVIR 0601	82106 PD	M	G GEN C	007 U					106					
ODOVIR 0609	83027 CW	M	G GEN C	002 F			1 2 1 1	121						
ODOVIR 0713	83013 DW	M	C DEE C	001 F			1 1 1 1	121						
ODOVIR 0814	82068 CW	M	C DEE C	008 U			2 2 2 2	106						
ODOVIR 2412	84166 DW	M	G GEN C	002 M					121	904				
ODOVIR 2613	85003 WT	M	G GEN C	001 M			2 2 2 1	106						
ONDZIB NORTHBORG	82148 PD	M	G GEN C	001 U					107					
OTUASI 1115	84130 TSD	B	G REP C	001 U					124	903				
OXYJAM 0203	82106 CC	B	C AQB C	010 M			1 2 2 1	107						
	82106 CC	B	C AQB C	008 F			1 2 2 1	107						
OXYJAM BASINF	80248 PD	B	S BFM C	006 U					304					
	80308 PD	B	S BFM C	001 U					304					
	81118 PD	B	S BFM C	001 U					304					
	81152 PD	B	S BFM C	001 U					107					
	81275 PD	B	S BFM C	001 U					304					
	81317 PD	B	S BFM C	007 U					304					
	82048 PD	B	S BFM C	001 U					304					
	82084 PD	B	S BFM C	002 U					304					
	82111 PD	B	S BFM C	002 U					304					
	82145 PD	B	S BFM C	002 U					304					
	82354 PD	B	S BFM C	001 U					304					
	83082 PD	B	S BFM C	001 U					304					
	83104 PD	B	S BFM C	004 U					304					
	83110 PD	B	S BFM C	002 U					304					
	83123 PD	B	S BFM C	001 U					304					
	84153 PD	B	S BFM C	046 U					304					
	84251 PD	B	S BFM C	001 U					304					
	84265 PD	B	S BFM C	001 U					304					
	85094 PD	B	S BFM C	003 U					304					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 28

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	D D	T AG	S C	W K	P I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
OXYJAM LKLADORA	82106	LK	B	C	AQB	C	005	M		1	2	2	1	107					
	82106	LK	B	C	AQB	C	005	F		1	2	2	1	107					
	84193	LK	B	G	GEN	C	001	M						107					
OXYJAM RGPOND	84177	PD	B	G	GEN	C	001	M						107					
	84185	PD	B	G	GEN	C	001	M						107					
	84193	PD	B	G	REP	C	001	F						107	903	125			
	84193	PD	B	G	REP	C	005	J						107	903				
	84207	PD	B	G	REP	C	001	F		1	1	1	1	107	125				
	84207	PD	B	G	REP	C	005	J		1	1	1	1	107					
PANHAL 0205	82279	CR	B	G	GEN	C	001	U						101	405	115	904		
PANHAL LAKEMARY	84285	LK	B	G	GEN	C	001	U		1	1	1	1	101	405	904			
PANHAL LKLADORA	82265	LK	B	G	GEN	C	001	U						102	904				
PELERY LOWDERBY	85113	LK	B	G	GEN	C	001	U		1	1	1	1	107					
PHAAUR BASINF	81125	PD	B	S	BFM	C	002	U						107					
	81135	PD	B	S	BFM	C	002	U						107					
	81239	PD	B	S	BFM	C	002	U						107					
	82008	PD	B	S	BFM	C	001	U						304					
PHAAUR LOWDERBY	84192	LK	B	G	GEN	C	012	U						107					
	84202	LK	B	G	GEN	C	007	U		1	1	1	1	107					
	84207	LK	B	G	GEN	C	021	U		1	1	1	1	107					
PHACOL 0112	83027	MT	B	G	GEN	C	006	M		1	2	1	1	102					
	83027	MT	B	G	GEN	C	002	F		1	2	1	1	102					
PHACOL 1901	82105	WT	B	G	GEN	C	005	F		1	1	1	1	102					
	82105	WT	B	G	GEN	C	005	M		1	1	1	1	102					
PHACOL 2204	82105	CW	B	C	NRB	C	001	M		1	1	1	1	106					
PHACOL 2301	83027	CW	B	C	NRB	C	003	M		1	2	1	1	106					
PHACOL 2311	82068	WT	B	C	NRB	C	001	F		2	2	2	2	102					
	82153	WT	B	C	NRB	C	002	M		1	1	1	1	102					
PHACOL 2314	82272	CW	B	C	NRB	C	001	M		1	1	1	1	102					
	83108	WT	B	C	NRB	C	008	F		1	1	1	1	102					
	83108	WT	B	C	NRB	C	008	M		1	1	1	1	102					
PHACOL 2316	82153	WT	B	C	NRB	C	003	M		1	1	1	1	102					
PHACOL 2401	82160	CW	B	G	GEN	CX	001	J						302	401	901		E04884	
PHACOL 2402	83027	WT	B	C	NRB	C	005	M		1	2	1	1	121					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 29

SPECIE SITE ID	OBS DATE	T HAB	T X L	P G	SUB PRG	MT OB	S CNT	T D AG	S C	W K	P I	STAT R 1	STAT 2	STAT 3	STAT 4	SPEC NO	
PHACOL 2402	83108 WT	B	C	NRB	C	006	M		1	1	1	1	106				
PHACOL 2403	82105 WT	B	C	NRB	C	002	M		1	1	1	1	102				
	83027 WT	B	C	NRB	C	003	F		1	2	1	1	121				
	83027 WT	B	C	NRB	C	005	M		1	2	1	1	121				
PHACOL 2404	82068 WT	B	C	NRB	C	005	M		2	2	2	2	102				
	82105 WT	B	C	NRB	C	010	M		1	1	1	1	102				
	82105 WT	B	C	NRB	C	030	F		1	1	1	1	102				
	82153 WT	B	C	NRB	C	004	M		1	1	1	1	102				
	83108 CC	B	C	NRB	C	010	M		1	1	1	1	106				
	83108 CC	B	C	NRB	C	004	F		1	1	1	1	106				
PHACOL 2405	83137 WT	B	C	NRB	C	001	M		1	1	1	1	102				
PHACOL 2406	82272 WT	B	C	NRB	C	001	M		1	1	1	1	102				
	83108 WT	B	C	NRB	C	002	M		1	1	1	1	106				
	83137 WT	B	C	NRB	C	002	M		1	1	1	1	102				
PHACOL 2408	82068 WT	B	C	NRB	C	003	M		2	2	2	2	106				
	82068 WT	B	C	NRB	C	002	F		2	2	2	2	106				
	82105 WT	B	C	NRB	C	004	F		1	1	1	1	106				
	82105 WT	B	C	NRB	C	002	M		1	1	1	1	106				
	82153 WT	B	C	NRB	C	003	M		1	1	1	1	102				
PHACOL 2410	82068 MT	B	C	NRB	C	008	F		2	2	2	2	102				
	82068 MT	B	C	NRB	C	012	M		2	2	2	2	102				
	83027 WT	B	C	NRB	C	004	F		1	2	1	1	121				
	83027 WT	B	C	NRB	C	008	M		1	2	1	1	121				
	83137 WT	B	C	NRB	C	003	M		1	1	1	1	102				
PHACOL 2412	82105 MT	B	C	NRB	C	005	F		1	1	1	1	102				
	82105 MT	B	C	NRB	C	005	M		1	1	1	1	102				
PHACOL 2413	82068 WT	B	C	NRB	C	010	F		2	2	2	2	106				
	82068 WT	B	C	NRB	C	018	M		2	2	2	2	106				
	82153 WT	B	C	NRB	C	003	M		1	1	1	1	102				
	82153 WT	B	C	NRB	C	001	F		1	1	1	1	102				
	82272 WT	B	C	NRB	C	002	M		1	1	1	1	102				
	82330 WT	B	C	NRB	C	001	M		1	1	1	1	102				
PHACOL 2414	82068 MT	B	C	NRB	C	010	F		2	2	2	2	102				
	82068 MT	B	C	NRB	C	010	M		2	2	2	2	102				
	82105 MT	B	C	NRB	C	002	M		1	1	1	1	102				
	82105 MT	B	C	NRB	C	035	F		1	1	1	1	102				
	82105 MT	B	C	NRB	C	004	F		1	1	1	1	102				
	82105 MT	B	C	NRB	C	035	M		1	1	1	1	102				
	83027 WT	B	C	NRB	C	005	M		1	2	1	1	121				
	83027 WT	B	C	NRB	C	008	F		1	2	1	1	121				

R.I.C.

- RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 30

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	M DB	S CNT	S D	T AG	S C	T K	P I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
PHACOL 2415	82330 WT	B	C	NRB	C	005	M			1	1	1	1	102					
	83027 MT	B	C	NRB	C	008	F			1	2	1	1	102					
	83027 MT	B	C	NRB	C	012	M			1	2	1	1	102					
	83108 WT	B	C	NRB	C	006	M			1	1	1	1	106					
	83108 WT	B	C	NRB	C	006	F			1	1	1	1	106					
	83108 MT	B	C	NRB	C	012	J			1	1	1	1	102					
PHACOL 2504	82068 SD	B	C	NRB	C	007	M			2	2	2	2	102					
	82153 WT	B	C	NRB	C	001	M			1	1	1	1	102					
	83027 WT	B	C	NRB	C	003	M			1	2	1	1	106					
	83137 WT	B	C	NRB	C	002	M			1	1	1	1	102					
	83137 WT	B	C	NRB	C	002	F			1	1	1	1	102					
PHACOL 2508	83108 WT	B	C	NRB	C	010	M			1	1	1	1	106					
	83108 WT	B	C	NRB	C	006	F			1	1	1	1	106					
PHACOL 2512	82153 CC	B	C	NRB	C	002	M			1	1	1	1	102					
	82153 CC	B	C	NRB	C	004	F			1	1	1	1	102					
PHACOL 2516	82068 WT	B	C	NRB	C	002	F			2	2	2	2	102					
	82068 WT	B	C	NRB	C	006	M			2	2	2	2	102					
	82105 WT	B	C	NRB	C	004	M			1	1	1	1	102					
	83027 WT	B	C	NRB	C	016	M			1	2	1	1	106					
	83027 WT	B	C	NRB	C	002	F			1	2	1	1	106					
PHACOL 2605	82068 WT	B	C	NRB	C	003	M			2	2	2	2	102					
	82105 WT	B	C	NRB	C	003	M			1	1	1	1	106					
PHACOL 2610	82330 WT	B	C	NRB	C	005	F			1	1	1	1	102					
	82330 WT	B	C	NRB	C	007	M			1	1	1	1	102					
PHACOL 2611	82068 WT	B	C	NRB	C	002	M			2	2	2	2	102					
	82068 WT	B	C	NRB	C	001	F			2	2	2	2	102					
PHACOL 2613	83027 WT	B	C	NRB	C	012	M			1	2	1	1	106					
PHACOL 2614	83137 WT	B	C	NRB	C	002	F			1	1	1	1	102					
	83137 WT	B	C	NRB	C	004	M			1	1	1	1	102					
	83237 IA	B	G	GEN	CX	001	J							302		416	901		E04895
PHACOL 2704	82330 SD	B	C	NRB	C	001	M			1	1	1	1	102					
	83108 SD	B	C	NRB	C	003	M			1	1	1	1	106					
PHACOL 3001	83027 WT	B	G	GEN	C	003	M			1	2	1	1	102					
PHACOL 3005	82105 WT	B	G	GEN	C	003	M			1	1	1	1	102					
PHACOL 3013	82105 WT	B	G	GEN	C	006	F			1	1	1	1	102					
	82105 WT	B	G	GEN	C	008	M			1	1	1	1	102					

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 31

SPECIE SITE ID	OBS DATE	HAB X	T L	P G	S PRG	MT DB	S CNT	T D	S AG	W C	P K	STAT I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
PHACOL BASINF	80248 PD	B		S	BFM	C	007	U							304			
	80345 PD	B		S	BFM	C	001	M							304			
	81118 PD	B		S	BFM	C	002	M							304			
	84216 PD	B		S	BFM	C	001	U							304			
	85015 PD	B		S	BFM	C	001	U							304			
PIPERY 0308	84130 TSD	B		G	GEN	C	001	U					101		610			
PIPERY 0503	84131 DW	B		G	GEN	C	001	U					101		561			
PLECHI 1909	83137 CC	B		G	GEN	C	001	U		1	1	1	1	121				
PLECHI LOWDERBY	82126 LK	B		G	GEN	C	01B	U					111		904			
POD BASINF	85094 PD	B	F	S	BFM	C	003	U						304				
	85183 PD	B	F	S	BFM	C	004	U						304				
	86014 PD	B	F	S	BFM	C	001	U						304				
PODNIG BASINF	81135 PD	B		S	BFM	C	001	U						304				
	81147 PD	B		S	BFM	C	001	U						107				
	82124 PD	B		S	BFM	C	001	U						304				
PODNIG LOWDERBY	84202 LK	B		G	GEN	C	001	U		1	1	1	1	107				
PODPOD 0203	82106 CC	B		C	AQB	C	001	U		1	2	2	1	107				
PODPOD 1106	84207 PD	B		G	GEN	C	001	U		1	1	1	1	107				
PODPOD BASINF	80248 PD	B		S	BFM	C	001	U						107				
	80248 PD	B		S	BFM	C	029	U						304				
	80276 PD	B		S	BFM	C	002	U						107				
	80295 PD	B		S	BFM	C	001	U						304				
	80308 PD	B		S	BFM	C	001	U						304				
	81044 PD	B		S	BFM	C	001	U						107				
	81044 PD	B		S	BFM	C	001	U						304				
	81086 PD	B		S	BFM	C	001	U						107				
	81086 PD	B		S	BFM	C	001	U						304				
	81100 PD	B		S	BFM	C	001	U						107				
	81105 PD	B		S	BFM	C	001	U						304				
	81118 PD	B		S	BFM	C	004	U						304				
	81147 PD	B		S	BFM	C	002	U						304				
	81169 PD	B		S	BFM	C	002	U						304				
	81169 PD	B		S	BFM	C	001	U						107				
	81187 PD	B		S	BFM	C	002	U						304				
	81223 PD	B		S	BFM	C	001	U						107				
	81223 PD	B		S	BFM	C	001	U						304				
	81239 PD	B		S	BFM	C	001	U						304				
	81251 PD	B		S	BFM	C	002	U						304				
	81261 PD	B		S	BFM	C	001	U						107				
	81261 PD	B		S	BFM	C	004	U						304				

R.I.C.

# RMA INSTALLATION RESTORATION ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 32

SPECIE	SITE ID	OBS DATE	T HAB	T X	P L	S G	PRG	M OB	CNT	S D	T AG	S CK	W K	P I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
PODPOD	BASINF	81271	PD	B	S	BFM	C	005	U						304					
		81275	PD	B	S	BFM	C	022	U						304					
		81281	PD	B	S	BFM	C	003	U						304					
		81292	PD	B	S	BFM	C	001	U						107					
		81292	PD	B	S	BFM	C	004	U						304					
		81300	PD	B	S	BFM	C	001	U						304					
		81309	PD	B	S	BFM	C	003	U						304					
		81317	PD	B	S	BFM	C	011	U						304					
		82015	PD	B	S	BFM	C	001	U						304					
		82022	PD	B	S	BFM	C	001	U						304					
		82048	PD	B	S	BFM	C	002	U						304					
		82117	PD	B	S	BFM	C	001	U						304					
		82124	PD	B	S	BFM	C	001	U						304					
		82131	PD	B	S	BFM	C	002	U						304					
		82162	PD	B	S	BFM	C	001	U						304					
		82172	PD	B	S	BFM	C	002	U						304					
		82200	PD	B	S	BFM	C	001	U						304					
		82215	PD	B	S	BFM	C	002	U						304					
		82229	PD	B	S	BFM	C	003	U						304					
		82239	PD	B	S	BFM	C	002	U						304					
		82251	PD	B	S	BFM	C	002	U						304					
		82267	PD	B	S	BFM	C	004	U						304					
		82279	PD	B	S	BFM	C	004	U						304					
		82316	PD	B	S	BFM	C	002	U						304					
		82326	PD	B	S	BFM	C	001	U						304					
		83020	PD	B	S	BFM	C	001	U						304					
		83104	PD	B	S	BFM	C	001	U						304					
		83110	PD	B	S	BFM	C	001	U						304					
		83123	PD	B	S	BFM	C	001	U						304					
		83172	PD	B	S	BFM	C	003	U						304					
		83181	PD	B	S	BFM	C	003	U						304					
		84153	PD	B	S	BFM	C	076	U						304					
		84223	PD	B	S	BFM	C	002	U						304					
		84251	PD	B	S	BFM	C	002	U						304					
		84265	PD	B	S	BFM	C	002	U						304					
		84265	PD	B	S	BFM	C	013	U						304					
		84286	PD	B	S	BFM	C	001	U						304					
		84307	PD	B	S	BFM	C	006	U						304					
		85015	PD	B	S	BFM	C	009	U						304					
		85094	PD	B	S	BFM	C	003	U						304					
		85183	PD	B	S	BFM	C	007	U						304					
		85282	PD	B	S	BFM	C	009							304					
		86014	PD	B	S	BFM	C	004	U						304					
PODPOD	LKLADORA	84202	LK	B	G	REP	C	002	J		1	1	1	1	107					
		84202	LK	B	G	REP	C	001	F		1	1	1	1	107	125				
		84207	LK	B	G	GEN	C	001	U		1	1	1	1	107					
PODPOD	LOWDERBY	84192	LK	B	G	REP	C	004	J						107	903				
		84192	LK	B	G	REP	C	001	F						107	903	125			

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 33

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	S PRG	MT DB	S CNT	T D AG	S CK	W I	P R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO	
PODPOD LOWDERBY	84202	LK	B	G	GEN	C	003	J		1	1	1	1	107				
	84202	LK	B	G	REP	C	002	J		1	1	1	1	107				
	84202	LK	B	G	REP	C	001	F		1	1	1	1	107				125
	84207	LK	B	G	GEN	C	002	U		1	1	1	1	107				
PODPOD NORTHBOG	82148	PD	B	G	GEN	C	001	U						107				
	82153	PD	B	C	NRB	C	001	U		1	1	1	1	107				
PODPOD RGPPOND	84177	PD	B	G	REP	C	001	F						107	903	125		
	84177	PD	B	G	REP	C	004	J						107	903			
	84185	PD	B	G	REP	C	001	F						107	903	125		
	84185	PD	B	G	REP	C	005	J						107	903			
	84185	PD	B	G	REP	C	001	M						107	903	125		
	84185	PD	B	G	REP	C	001	F						107	903	125		
	84185	PD	B	G	REP	C	004	J						107	903			
	84185	PD	B	G	REP	C	001	M						107	903	125		
	84207	PD	B	G	GEN	C	003	U		1	1	1	1	107				
PODSPP BASINF	80248	PD	B	S	BFM	C	010	U						304				
	80276	PD	B	S	BFM	C	001	U						107				
	80352	PD	B	S	BFM	C	001	U						304				
	81091	PD	B	S	BFM	C	001	U						304				
	81118	PD	B	S	BFM	C	001	U						304				
	81152	PD	B	S	BFM	C	001	U						304				
	81275	PD	B	S	BFM	C	001	U						304				
	81317	PD	B	S	BFM	C	001	U						304				
	82022	PD	B	S	BFM	C	001	U						304				
	82048	PD	B	S	BFM	C	002	U						304				
	82084	PD	B	S	BFM	C	003	U						304				
	82111	PD	B	S	BFM	C	002	U						304				
	82200	PD	B	S	BFM	C	002	U						304				
	82267	PD	B	S	BFM	C	002	U						304				
	82279	PD	B	S	BFM	C	001	U						304				
	82291	PD	B	S	BFM	C	001	U						304				
	82316	PD	B	S	BFM	C	001	U						304				
	82354	PD	B	S	BFM	C	003	U						304				
	84265	PD	B	S	BFM	C	006	U						304				
PODSPP LAKEMARY	82159	LK	P	S	LAK									901				E04533
PODSPP LKLADORA	82106	LK	B	C	AQB	C	005	U		1	2	2	1	107				
POPSPP BASINF	80342	PD	B	S	BFM	C	001	U						304				
RECA ME 1106	82106	PD	B	C	AQB	C	001	U		1	2	2	1	105				
	82280	PD	B	G	GEN	C	004	U						121	904			
RECA ME BASINF	80248	PD	B	S	BFM	C	001	U						304				
RECA ME LOWDERBY	82106	LK	B	C	AQB	C	001	U		1	2	2	1	105				

R.I.C.

## RMA INSTALLATION RESTORATION ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 34

R.I.C.

RMA INSTALLATION RESTORATION  
ECOLOGY FIELD OBSERVATIONS

REPORT DATE: 03/21/86

OBSERVER: DST

PAGE 35

SPECIE SITE ID	OBS DATE	HAB	T X	T L	P G	SUB PRG	MT DB	S CNT	T D AG	S C	W K	P I	STAT R	STAT 1	STAT 2	STAT 3	STAT 4	SPEC NO
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SYLAUD BASINF	80248 PD	M	S	BFM	C	006	U							304				
	81113 PD	M	S	BFM	C	001	U							304				
TAXTAX 0415	84128 CW	M	G	GEN	C	001	U							121				
TAXTAX 2603	82197 WI	M	G	GEN	CX	001	U							304	414	901		E04389
TRIFLA BASINF	82111 PD	B	S	BFM	C	001	U							304				
TRIFLA LOWDERBY	82106 LK	B	C	AQB	C	002	U		1	2	2	1	105					
TRIFLA SEWPOND	82153 PD	B	C	NRB	C	001	U		1	1	1	1	105					
TYTALB 2507	82277 IA	B	G	GEN	C	001	J	60						202		904		
	82277 IA	B	G	GEN	C	001	E							202		904		
	82277 IA	B	G	GEN	C	001	U							124	202	904		
VULVUL 2503	82272 IA	M	G	GEN	C	001	M							303	414	904		
XANXAN BASINF	81113 PD	B	S	BFM	C	001	M							304				
ZENMAC 0914	82068 TSD	B	G	GEN	C	001	U		2	2	2	2	101	481	904			
ZENMAC BASINF	84265 PD	B	S	BFM	C	001	U							304				
	84307 PD	B	S	BFM	C	006	U							304				

APPENDIX A  
ECOLOGY SURVEY SECTION  
SPECIES CODES

<u>SECTION</u>	<u>PAGE</u>
Bird	A-2
Mammal	A-4
Plant	A-4
Invertebrate	
Classes	A-5
Orders	A-6
Families	A-8

APPENDIX A  
SPECIES CODES

BIRD

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
ACCSTR	<i>Accipiter striatus</i>	Sharp-shinned Hawk
AECOCC	<i>Aechmophorus occidentalis</i>	Wester Grebe
AGEPHO	<i>Agelaius phoeniceus</i>	Red-winged Blackbird
AIXSPO	<i>Aix sponsa</i>	Wood Duck
ANAAUC	<i>Anas acuta</i>	Pintail
ANAAME	<i>Anas americana</i>	American Wigeon
ANACLY	<i>Anas clypeata</i>	Northern Shoveler
ANACRE	<i>Anas crecca</i>	Green-winged Teal
ANACYA	<i>Anas cyanoptera</i>	Cinnamon Teal
ANADIS	<i>Anas discors</i>	Blue-winged Teal
ANAPLA	<i>Anas platyrhynchos</i>	Mallard
ANASPP	<i>Anas species</i>	Duck Species
ANASTR	<i>Anas strepera</i>	Gadwall
AQUCHR	<i>Aquila chrysaetos</i>	Golden Eagle
ARDHER	<i>Ardea herodias</i>	Great Blue Heron
ASIFLA	<i>Asio flammeus</i>	Short-eared Owl
AYTAFF	<i>Aythya affinis</i>	Lesser Scaup
AYTAME	<i>Aythya americana</i>	Redhead
AYTCOL	<i>Aythya collaris</i>	Ring-necked Duck
AYTVAL	<i>Aythya valisineria</i>	Canvasback
BRACAN	<i>Branta canadensis</i>	Canada Goose
BUBVIR	<i>Bubo virginianus</i>	Great Horned Owl
BUCALB	<i>Bucephala albeola</i>	Bufflehead
BUCCLA	<i>Bucephala clangula</i>	Common Goldeneye
BUTJAM	<i>Buteo jamaicensis</i>	Red-tailed Hawk
BUTLAG	<i>Buteo lagopus</i>	Rough-legged Hawk
BUTREG	<i>Buteo regalis</i>	Ferruginous Hawk
BUTSPP	<i>Buteo species</i>	Buzzard Hawk Species
BUTSWA	<i>Buteo swainsoni</i>	Swainson's Hawk
CHAVOC	<i>Chardrius vociferus</i>	Killdeer
CIRCYA	<i>Circus cyaneus</i>	Marsh Hawk
COLLIV	<i>Columba livia</i>	Rock Dove
CYACRI	<i>Cyanocitta cristata</i>	Blue Jay
EGRTHU	<i>Egretta thula</i>	Snowy Egret
FALCOL	<i>Falco columbarius</i>	Merlin
FALMEX	<i>Falco mexicanus</i>	Prairie Falcon
FALSPA	<i>Falco sparverius</i>	American Kestrel
FALSPP	<i>Falco species</i>	Falcon Species
FULAME	<i>Fulica americana</i>	American Coot
HALLEU	<i>Haliaeetus leucocephalus</i>	Bald Eagle

## BIRD

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
LANLUD	<i>Lanius ludovicianus</i>	Loggerhead Shrike
LARSPP	<i>Larus species</i>	Seagull Species
LOPCUC	<i>Lophodytes cucullatus</i>	Hooded Merganser
MERMER	<i>Mergus merganser</i>	Common Merganser
MIMPOL	<i>Mimus polyglottis</i>	Mickingbird
MYATOW	<i>Myadestes townsendi</i>	Townsend's Solitaire
NYCNYC	<i>Nycticorax nycticorax</i>	Black-crowned Night Heron
OTUASI	<i>Otus asio</i>	Screech Owl
OXYJAM	<i>Oxyura jamaicensis</i>	Ruddy Duck
PANHAL	<i>Pandion haliaetus</i>	Osprey
PELERY	<i>Pelecanus erythrorhynchos</i>	White Pelican
PHAAUR	<i>Phalacrocorax auritus</i>	Double-crested Cormorant
PHACOL	<i>Phasianus colchicus</i>	Ring-necked Pheasant
PIPERY	<i>Pipilo erythrorththalmus</i>	Rufous-sided Towhee
PLECHI	<i>Plegadis chihi</i>	White-faced Ibis
POD	Unknown	Grebe Family
PODNIG	<i>Podiceps nigricollis</i>	Eared Grebe
PODPOD	<i>Podilymbus podiceps</i>	Pied-billed Grebe
PODSPP	Unknown	Grebe Species
RECAME	<i>Recurvirostra americana</i>	American Avocet
SIACUR	<i>Sialia currucoides</i>	Mountain Bluebird
SPECUN	<i>Speotyto cunicularia</i>	Burrowing Owl
STETRI	<i>Steganopus tricolor</i>	Wilson's Phalarope
STUNEG	<i>Sturnella neglecta</i>	Western Meadowlark
STUVUL	<i>Sturnus vulgaris</i>	Starling
TRIFLA	<i>Tringa flavipes</i>	Lesser Yellowlegs
TYTALB	<i>Tyto alba</i>	Barn Owl
XANXAN	<i>Xanthocephalus zanthocephalus</i>	Yellow-headed Blackbird
ZENMAC	<i>Zenaida macroura</i>	Mourning Dove

MAMMAL

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
CANLAT	<i>Canis latrans</i>	Coyote
CYNLUD	<i>Cynomys ludovicianus</i>	Black-tailed Praire Dog
LEPCAL	<i>Lepus californicus</i>	Black-tailed Jackrabbit
ODOHEM	<i>Odocileus hemionus</i>	Mule Deer
ODOVIR	<i>Odocileus virginianus</i>	White-tailed Deer
ONDZIB	<i>Ondatra zibethicus</i>	Muskrat
SYLAUD	<i>Sylvilagus audubonii</i>	Desert Cottontail
TAXTAX	<i>Taxidea taxus</i>	Badger
VULVUL	<i>Vulpes vulpes</i>	Red Fox

PLANT

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
CERDEM	Unknown	Coontail Plant
MYREXA	Unknown	Plant Water Mifoil

INVERTEBRATE  
CLASS, ORDER, & FAMILY CODE LIST

CLASSES LIST

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
ARA	Arachnida	(Spiders, mites, and ticks)
CHI	Chilopoda	(Centipdes)
CRU	Crustacea	(Crayfish, shrimps, sowbugs)
DIL	Diplopoda	(Millipdes)
GAS	Gastropoda	(Snails and slugs)
HIR	Hirudinea	(Leeches)
INS	Insecta	(Insects)
NEM	Nematoda	(Nematodes)
OLI	Oligochaeta	(Earthworms)
PEL	Pelecypoda	(Clams, mussels)

ORDERS LIST

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
ACA	Acarina	(Ticks and mites)
ARN	Araneae	(Spiders)
CBO	Collembola	(Springtails)
COL	Coleoptera	(Beetles)
DER	Dermaptera	(Earwigs)
DIP	Diptera	(Flies)
EPH	Ephemeroptera	(Mayflies)
HEM	Hemiptera	(Bugs)
HOM	Homoptera	(Cicadas, hoppers, aphids, scale insects)
HYM	Hymenoptera	(Ants, wasps, bees, ichneumons)
ISO	Isoptera	(Termites)
LEP	Lepidoptera	(Butterflies and moths)
MEC	Mecoptera	(Scorpion flies)
NEU	Neuroptera	(Lacewings, antlions, dobson flies)
ODO	Odonata	(Dragonflies and damselflies)
ORT	Orthoptera	(Grasshoppers, crickets, cockroaches mantids, and walkingsticks)
PED	Pedipalpi	(Whip scorpions (vinegarones))
PHN	Phalangida	(Harvestmen)
PLE	Plecoptera	(Stoneflies)
SCO	Scorpionida	(Scorpions)

ORDERS LIST

(Cont)

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
SOL	Solpugida	(Wind scorpions, sun spiders)
THP	Thysanoptera	(Thrips)
THY	Thysanura	(Bristletails)
TRI	Trichoptera	(Caddisflies)

### FAMILIES LIST

<u>Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
ACR	Acrididae	(Short-horned grasshoppers)
API	Apidae	(honeybees and bumblebees)
BLA	Blattidae	(Cockroaches)
CAR	Carabidae	(Ground beetles)
CIC	Cicadidae	(Cicadas)
CIN	Cicindelidae	(Tiger beetles)
COG	Coccinellidae	(Ladybird beetles)
FOR	Formicidae	(Ants)
GRA	Gryllacridae	(Sand crickets, cave crickets)
GRY	Gryllidae	(Crickets)
LYC	Lycaenidae	(Copper butterflies)
MAN	Mantidae	(Mantids)
MEL	Meloidae	(Blister beetles)
PHA	Phasmatidae	(Walkingsticks)
PIE	Pieridae	(Sulfur butterflies)
SIL	Silphidae	(Carrion beetles)
TET	Tettigoniidae	(long-horned grasshoppers, katydids)

SUPPLEMENT TO APPENDIX A

Definitions were not available for the following SPECIES codes:

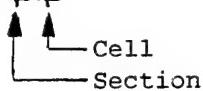
ANA  
BIR

## APPENDIX B

### A. Site Identification Codes

#### 1. Section and Cell

Example: 2414,



Each square mile section of RMA is divided into 16 "cells" numbered as follows:

13	14	15	16
9	10	11	12
5	6	7	8
1	2	3	4

#### 2. Section Only (Cell Unknown)

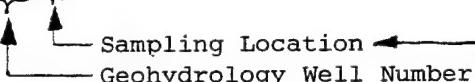
Example: 32 (Section 32)

#### 3. Off Post Control Game Animal Sample

One Site Identification: OFFPOST

#### 4. Geohydrology Well Site

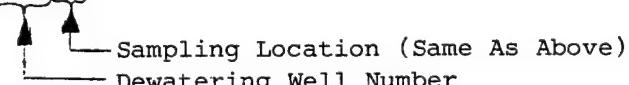
Example: 2313N1,



- N1 = 10-20 feet North of well.
- N2 = 10-20 feet East
- N3 = 10-20 feet South
- N4 = 10-20 feet West
- N5 = Immediately surrounding well.

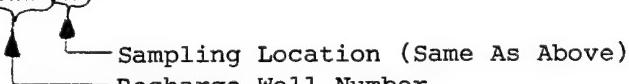
#### 5. Dewatering Well Site

Example: DWW18N1,



#### 6. Recharge Well Site

Example: RCW14N1,



7. Lakes, Ponds and Basins

LOWDERBY = Lower Derby Lake  
UPPDERBY = Upper Derby Lake  
LAKEMARY = Lake Mary  
LKLADORA = Lake Ladora  
NORTHBOG = North Bog  
RGPPOND = Rod and Gun Club Pond  
SEWPOND = Sewage Lagoon (Section 24)  
TSYPOND = Toxic Storage Yard Pond (Section 31)  
BASINC = Basin C  
BASIND = Basin D  
BASINE = Basin E  
BASINF = Basin F

## APPENDIX C

### HABITAT CODES

A-Z

NOTE: Enter X if not Applicable

#### Field Areas

BF Bare Field  
CF Corn Field  
SF Sorghum Field  
WF Wheat Field  
OF Other Field Crop  
CR Commercial/Residents area  
IA Industrial Area  
PL Planted Lawn

#### Prairie Vegetation

##### Areas

BG Blue Gramma  
CW Crested Wheat  
NT Needle and Thread  
RT Red Threeawn  
SD Sand Dropseed  
WT Weedy Type  
WW Western Wheat

#### Wet Areas

CC Creek or Canal  
LK Lake  
MT Marshy Type  
PD Pond

#### Woodland Vegetation

##### Area

CD Coniferous - Deciduous Woodland  
CN Coniferous Woodland  
DW Deciduous Woodland  
LT Locust Thicket

Combination Areas (XX Selected from Above List)

BXX Shrubs w/XX  
CXX Coniferous Woodland surrounded by XX  
DXX Deciduous Woodland surrounded by XX  
EXX Coniferous-Deciduous Woodland Surrounded by XX  
LXX Locust Thicket surrounded by XX  
NXX 3 or less Coniferous Trees w/XX  
PXX Prairie Dog Town w/XX  
RXX Rabbitbrush w/XX  
SXX Sagebrush w/XX  
TXX 3 or less Deciduous Trees w/XX  
Yxx Yucca w/XX

APPENDIX D  
ECOLOGY SURVEY SECTION  
STATUS CODES

I. Behavior

101	Perched
102	Flying
103	Resting
104	Crawling
105	Walking
106	Running
107	Swimming
108	Courtship
109	Hunting
110	Feeding on plants or seeds
111	Feeding on invertebrate
112	Feeding on fish
113	Feeding on amphibian
114	Feeding on reptile
115	Feeding on bird
116	Feeding on lagomorph
117	Feeding on rodent
118	Feeding on insectivore
119	Feeding on other mammal
120	Feeding on carrion
121	Standing
122	Aggressive Behavior
123	Distraction Behavior
124	Nesting

II. Nest Height

201	Nest less than 20 feet above ground
202	Nest between 20 and 40 feet above ground
203	Nest more than 40 feet above ground

III. Disposition When Found

301	Alive
302	Moribund
303	Dead -- known cause
304	Dead -- suspected cause

#### IV. Microhabitat

- 401 On ground
- 402 In soil
- 403 On water
- 404 Under water
- 405 Pole
- 406 Woodpile
- 407 Rockpile
- 408 Trashpile
- 409 Building
- 410 Dead tree
- 411 Tower
- 412 Powerline
- 413 Fence
- 414 Roadside
- 415 Sandy shore
- 416 Rocky shore
- 417 Muddy shore

"A"

420	<i>Abronia fragrans</i>	Prairie Snowball
421	<i>Acer Negundo</i>	Boxelder
422	<i>Acer saccharinum</i>	Silver-leaf Maple
423	<i>Agropyron cristatum</i>	Crested Wheatgrass
424	<i>Agropyron desertorum</i>	Crested Wheatgrass
425	<i>Agropyron elongatum</i>	Tall Wheatgrass
426	<i>Agropyron intermedium</i>	Intermediate Wheatgrass
427	<i>Agropyron repens</i>	Quack-grass
428	<i>Agropyron smithii</i>	Western Wheatgrass
429	<i>Agropyron trachycaulum</i>	Slender Wheatgrass
430	<i>Amaranthus albus</i>	Tumble Pigweed
431	<i>Amaranthus arenicola</i>	Rope-spike Pigweed
432	<i>Amaranthus retroflexus</i>	Rough Pigweed
433	<i>Ambrosia psilostachya</i>	Western Ragweed
434	<i>Antennaria rosea</i>	Pussy-toes
435	<i>Apocynum sibiricum</i>	Siberian Dogbane

436	<i>Argemone polyanthemos</i>	Prickly Poppy
437	<i>Aristida longiseta</i>	Red Threecawn
438	<i>Artemisia filifolia</i>	Sand Sagebrush
439	<i>Artemisia frigida</i>	Fringed Sage
440	<i>Artemesia ludoviciana</i>	Prairie Sage
441	<i>Asclepias incarnata</i>	Marsh Milkweed
442	<i>Asclepias speciosa</i>	Showy Milkweed
443	<i>Asparagus officinalis</i>	Asparagus
444	<i>Aster commutatus</i>	Creeping White Prairie Aster
445	<i>Astragalus lotiflorus</i>	Lotus Milk-vetch

"B"

446	<i>Bassia hyssopifolia</i>	Bassia
447	<i>Berula erecta</i>	Cut-leaved Water Parsnip
448	<i>Bouteloua curtipendula</i>	Side-oats Grama
449	<i>Bouteloua gracilis</i>	Blue Grama
450	<i>Bromopsis inermis</i>	Smooth Brome
451	<i>Bromus japonicus</i>	Japanese Brome
452	<i>Bromus tectorum</i>	Cheatgrass
453	<i>Buchloe dactyloides</i>	Buffalo-grass

"C"

454	<i>Calamovilfa longifolia</i>	Prairie Sand-reed
455	<i>Cardaria draba</i>	Hoary Cress
456	<i>Carduus nutans</i>	Musk Thistle
457	<i>Carex spp.</i>	Sedge

458	<i>Catalpa speciosa</i>	Catalpa
459	<i>Celtis reticulata</i>	Hackberry
460	<i>Ceratoides lanata</i>	Winterfat
461	<i>Chamaesyce glyptosperma</i>	Corrugate-seeded Spurge
462	<i>Chamaesyce missurica</i>	Narrow-leaved Spurge
463	<i>Chamaesyce serpyllifolia</i>	Thyme-leaved Spurge
464	<i>Chenopodium album</i>	Common Pigweed
465	<i>Chenopodium leptophyllum</i>	Narrow-leaved Goosefoot
466	<i>Chrysothamnus nauseosus</i>	Common Rabbitbrush
467	<i>Cirsium arvense</i>	Canadian Thistle
468	<i>Cleome serrulata</i>	Rocky Mountain Bee Plant
469	<i>Convolvulus arvensis</i>	Morning Glory
470	<i>Conyza canadensis</i>	Horseweed
471	<i>Coryphantha vivipara</i>	Ball Cactus
472	<i>Croton texensis</i>	Croton
473	<i>Cryptantha fendleri</i>	Fender's Cryptantha
474	<i>Cucurbita foetidissima</i>	Wild Gourd
475	<i>Cymopterus montanus</i>	Pink Cymopterus

"D"

476	<i>Dalea aurea</i>	Prairie Clover
477	<i>Descurainia sophia</i>	Flix-weed
478	<i>Distichlis stricta</i>	Alkali Saltgrass
479	<i>Dysodia papposa</i>	Fetid Marigold

"E"

480	<i>Echinocereus viridiflorus</i>	Hen and Chickens
481	<i>Eleagnus angustifolia</i>	Russian Olive
482	<i>Elymus canadensis</i>	Canadian Wildrye
483	<i>Epilobium adenocaulon</i>	Northern Willow-herb
484	<i>Eragrostis cilianensis</i>	Stinkgrass
485	<i>Eriogonum annuum</i>	Tall Eriogonum
486	<i>Erigeron divergens</i>	Spreading Fleabane
487	<i>Eriogonum effusum</i>	Bushy Eriogonum
488	<i>Erigeron pumilus</i>	Low Daisy
489	<i>Erodium cicutarium</i>	Filaree
490	<i>Erysimum asperum</i>	Western Wallflower
491	<i>Euphorbia marginata</i>	Snow-on-the-Mountain
492	<i>Euthamia graminifolia</i>	Bushy Goldenrod
493	<i>Evolvulus nuttallianus</i>	Evolvulus

"F"

494	<i>Fraxinus pennsylvanica</i>	Green Ash
-----	-------------------------------	-----------

"G"

495	<i>Gaura coccinea</i>	Scarlet Gaura
496	<i>Gaura parviflora</i>	Tall Gaura
497	<i>Gleditsia triacanthos</i>	Honey Locust
498	<i>Gnaphalium chilense</i>	Yellow Cudweed
499	<i>Grindelia squarrosa</i>	Gumweed
500	<i>Gutierrezia sarothrae</i>	Snakeweed
501	<i>Gypsophila paniculata</i>	Baby's Breath

"H"

502	<i>Haplopappus spinulosus</i>	Spiny Goldenweed
503	<i>Helianthus annuus</i>	Common Sunflower
504	<i>Helianthus petiolaris</i>	Prairie Sunflower
505	<i>Heterotheca villosa</i>	Hairy Golden Aster
506	<i>Hordeum Jubatum</i>	Foxtail Barley
507	<i>Hordeum pusillum</i>	Little Barley

"I"

508	<i>Ipomopsis laxiflora</i>	Loose-flowered Gilia
509	<i>Ipomoea leptophylla</i>	Bush Morning-glory
510	<i>Iva xanthifolia</i>	Tall Marshelder

"J"

511	<i>Juncus arcticus</i>	Creeping Rush
512	<i>Juniperus virginiana</i>	Rocky Mountain Juniper

"K"

513	<i>Kochia iranica</i>	Kochia
514	<i>Kuhnia eupatorioides</i>	False Boneset

"L"

515	<i>Lactuca scariola</i>	Prickly Lettuce
516	<i>Lappula redowskii</i>	Stickseed
517	<i>Lepidium perfoliatum</i>	Clasping Peppergrass
518	<i>Leptodactylon pungens</i>	Prickley Gilia
519	<i>Leucocrinum montanum</i>	Sand Lily

520	<i>Liatris punctata</i>	Blazing Star
521	<i>Lithospermum incisum</i>	Narrow-leaved Puccoon
522	<i>Lupinus argenteus</i>	Common Lupine
523	<i>Lygodesmia juncea</i>	Rush Skeleton-weed

"M"

524	<i>Machaeranthera linearis</i>	Aster
525	<i>Machaeranthera</i> spp	Aster Species
526	<i>Medicago sativa</i>	Alfalfa
527	<i>Melilotus alba</i>	White-sweet Clover
528	<i>Melilotus officinalis</i>	Yellow-sweet Clover
529	<i>Mentha arvensis</i>	Field Mint
530	<i>Mentzelia nuda</i>	Small White Evening Star
531	<i>Muhlenbergia asperifolia</i>	Alkali Muhly
532	<i>Muhlenbergia torreyi</i>	Ring Muhly
533	<i>Munroa squarrosa</i>	False Buffalo-grass

"N"

534	<i>Nasturtium officinale</i>	Nasturtium
535	<i>Nothocalais cuspidata</i>	Mountain Dandelion

"O"

536	<i>Oenothera albicaulis</i>	Prairie Evening Primrose
537	<i>Oenothera caespitosa</i>	White Stemless Evening Primrose
538	<i>Oenothera coronopifolia</i>	Cut-leaf Evening Primrose
539	<i>Oenothera nuttallii</i>	Nuttall's Evening Primrose
540	<i>Oenothera strigosa</i>	Common Evening Primrose

541	<i>Opuntia compressa</i>	Prickley Pear
542	<i>Opuntia polycantha</i>	Starvation Cactus
543	<i>Oxytropis lambertii</i>	Colorado Loco-weed
544	<i>Oxybaphus nyctagineus</i>	Heart-leaved Umbrella-wort

"P"

545	<i>Pancium capillare</i>	Witch-grass
546	<i>Parthenocissus inserta</i>	Virginia Creeper
547	<i>Penstemon albidus</i>	White Penstemon
548	<i>Penstemon angustifolius</i>	Narrow-leaved Penstemon
549	<i>Persicaria pensylvanica</i>	Smartweed
550	<i>Physalis virginiana</i>	Ground Cherry
551	<i>Picea pungens</i>	Colorado Blue Spruce
552	<i>Pinus ponderosa</i>	Ponderosa Pine
553	<i>Pinus sylvestris</i>	Scotch Pine
554	<i>Plantago purshii</i>	Woolly Plantain
555	<i>Poa agassizensis</i>	Mountain Bluegrass
556	<i>Polygonum aviculare</i>	Devil's Shoestring
557	<i>Polanisia dodecandra</i>	Clammy-weed
558	<i>Polypogon monspeliensis</i>	Rabbitfoot-grass
559	<i>Polygonum ramossissimum</i>	Bushy Knotweed
560	<i>Populus alba</i>	White Poplar
561	<i>Populus sargentii</i>	Plains Cottonwood
562	<i>Portulaca oleracea</i>	Common Purslane
563	<i>Prunus americana</i>	Wild Plum
564	<i>Prunus virginiana</i>	Choke Cherry

565	<i>Pseudotsuga menziesii</i>	Douglas-fir
566	<i>Psoralea tenuiflora</i>	Slender-flowered Scurf-pea
567	<i>Puccinellia nuttalliana</i>	Nuttall's Alkali-grass
568	<i>Pyrus malus</i>	Apple

"R"

569	<i>Ribes aureum</i>	Golden Currant
570	<i>Robinia neomexicana</i>	New Mexican Locust
571	<i>Robinia pseudoacacia</i>	Black Locust
572	<i>Rorippa sinuata</i>	Spreading Yellow-cress
573	<i>Rumex crispus</i>	Curly Dock

"S"

574	<i>Sagittaria</i> spp	Arrowhead
575	<i>Salix amygdaloides</i>	Peach-leaved Willow
576	<i>Salsola collina</i>	Russian-thistle
577	<i>Salix exigua</i>	Sandbar Willow
578	<i>Salix interior</i>	Sandbar Willow
579	<i>Salsola kali</i>	Russian-thistle
580	<i>Schedonnardus paniculatus</i>	Tumble-grass
581	<i>Scirpus acutus</i>	Compact Bullrush
582	<i>Scirpus americanus</i>	American Bullrush
583	<i>Scutellaria galericulata</i>	Marsh Skullcap
584	<i>Senecio spartioides</i>	Butterweed
585	<i>Senecio tridenticulatus</i>	Three-toothed Butterweed
586	<i>Sisymbrium altissimum</i>	Tumble Mustard
587	<i>Sisymbrium officinale</i>	Hedge Mustard

588	<i>Sitanion longifolium</i>	Squirrel-tail
589	<i>Solanum rostratum</i>	Buffalo-bur
590	<i>Solanum triflorum</i>	Cut-leaved Nightshade
591	<i>Sonchus uliginosus</i>	Sow-thistle
592	<i>Sphaeralcea coccinea</i>	Copper Mallow
593	<i>Sporobolus cryptandrus</i>	Sand Dropseed
594	<i>Stephanomeria tenuiflora</i>	Wire Lettuce
595	<i>Stipa comata</i>	Needle-and-Thread
596	<i>Symphoricarpos occidentalis</i>	Snowberry
597	<i>Syringa spp</i>	Lilac

"T"

598	<i>Tamarix pentandra</i>	Tamarisk
599	<i>Taraxacum officinale</i>	Common Dandelion
600	<i>Teucrium canadense</i>	Germander
601	<i>Thelesperma megapotamicum</i>	Greenthread
602	<i>Thlaspi arvense</i>	Penny-cress
603	<i>Tilia spp</i>	Linden
604	<i>Tragopogon dubius</i>	Yellow-Salsify
605	<i>Tradescantia occidentalis</i>	Western Spiderwort
606	<i>Tribulus terrestris</i>	Puncture-vine
607	<i>Typha angustifolia</i>	Narrow-leaved Cat-tail
608	<i>Typha latifolia</i>	Broad-leaved Cat-tail

"U"

609	<i>Ulmus americana</i>	American Elm
610	<i>Ulmus parvifolia</i>	Chinese Elm
611	<i>Urtica dioica</i>	Stinging Nettle

"V"

612	<i>Veronica americania</i>	American Brooklime
613	<i>Veronica anagallis</i>	Water Speedwell
614	<i>Verbena bracteata</i>	Bracted Verbena
615	<i>Verbesina encelioides</i>	Crownbeard
616	<i>Verbascum thapsus</i>	Great Mullein
617	<i>Vicia villosa</i>	Vetch
618	<i>Viola nuttallii</i>	Nuttall's Violet
619	<i>Vulpia octoflora</i>	Six-weeks Fescue

"Y"

620	<i>Yucca glauca</i>	Yucca
-----	---------------------	-------

"Z"

621	<i>Zea mays</i>	Corn
622	<i>Zygadenus venenosus</i>	Death Camas

V. Stage of Life Cycle

701		Egg
702		Larva
703		Nymph
704		Pupa

VI. Time Elapsed

801	Up to 5 minutes
802	6 - 10 minutes
803	11 - 15 minutes
804	16 - 20 minutes
805	21 - 25 minutes
806	26 - 30 minutes
807	31 - 35 minutes
808	36 - 40 minutes
809	41 - 45 minutes
810	46 - 50 minutes
811	51 - 55 minutes
812	56 - 60 minutes
813	61 - 65 minutes
814	66 - 70 minutes
815	71 - 75 minutes
816	76 - 80 minutes
817	81 - 85 minutes
818	86 - 90 minutes
819	91 - 95 minutes
820	96 - 100 minutes
821	101 - 105 minutes
822	106 - 110 minutes

823                    111 - 115 minutes  
824                    116 - 120 minutes